Author Index

Volume 25, January-June 1995

Aalkjaer C, 474
Abassi ZA, 1178
Abergel E, 651
Abraham NG, 166
Abraham PA, 37
Adachi H, 1311
Admiraal PJJ, 22
Akahoshi M, 71
Al-Ani M, 1270
Albaladejo P, 272
Albertin G, 842
Alcorn D, 335
Alderman MH, 1144
Alexander RW, 155
Alexander W, 924
Alikoski T, 47
Allan DR, 935
Alonso-Galicia M, 888
Amann K, 124
Amar K, 320
Ambroso G, 631
Anania V, 453, 823
Anderson EA, 834
Anderson NB, 554
Anderson WP, 335
Angulo J, 748
Annat G, 1058
Arcuri KE, 1345
Armagnac C, 602
Arrázola A, 356
Askari B, 166
Aviv A, 377, 978
Avorn J, 1045

Bachmann J, 570
Bachmann S, 219, 570
Bader M, 570
Badr KF, 1294
Balazy M, 854
Ball DL, 30, 785
Barlassina C, 320
Barletta G, 1053
Basso N, 283
Baty JD, 587
Baylis C, 61
Bechtner G, 117
Behrend M, 132
Behrens MT, 1339
Beierwaltes WH, 174, 803
Bellini G, 839
Belloni AS, 842
Bell-Quilley CP, 1238
Benetos A, 272, 651
Benjamin EJ, 1155
Benjamin N, 918
Berglund G, 214
Berk BC, 343
Bernstein KE, 343
Berrino L, 507
Bertram JF, 335
Bian K, 110
Bianchi G, 320
Bianchi L, 1301
Biasolo MA, 842
Binelli G, 320
Biollaz J, 14, 602
Bird IM, 1129
Bird JE, 1191
Bisi G, 1053
Bjornsson TD, 37
Blair IA, 170
Blake MJ, 539
Blankestijn PJ, 22, 77
Blum R, 37
Bobik A, 610
Bobrie G, 294
Bocin E, 839
Böcker W, 683
Bode AM, 539
Bohle RM, 219
Böhm M, 570, 954, 962
Bohmann C, 1224
Bohn RL, 1045
Bohr DF, 1202
Boissel J-P, 92
Bolla GB, 560
Bonizzoni E, 564
Bonnardeaux A, 6
Boomsma F, 22
Borgioni C, 1116
Bouaziz H, 272
Boutouyrie P, 651
Braam B, 1232
Bradstreet TE, 37
Brands MW, 994
Brecher P, 809, 1306
Brouard R, 602
Brown C, 305
Brown M, 1220
Brown MA, 626
Brownley KA, 554
Bruckschlegel G, 250
Brunani A, 560
Brunner HR, 14, 602
Bueno J, 356
Bukoski RD, 110
Burnier M, 602
Burt VL, 305
Butler GC, 1167

Calver A, 918
Campbell DJ, 928, 1014
Campese VM, 878
Campise M, 631
Canessa M, 986, 1315
Cannata MA, 283
Cao L, 227
Cappuccio FP, 1042
Carbonell L, 408
Carey RM, 1021
Carmody SE, 587
Carretero OA, 174, 421, 1008
Carrière S, 105
Casari G, 320
Casati C, 564
Castiglioni P, 1287
Catapano G, 981
Catt KJ, 924
Cattaneo BM, 560
Cattaneo R, 1301
Cavagnini F, 560
Ceolotto G, 986
Cezaretti ML, 1003
Chan JSD, 105
Chang C-H, 694
Chang M-S, 1034, 1326
Chao J, 715
Chao L, 715
Chatellier G, 294
Chaturvedi N, 1322
Chen C-H, 1034
Chen C-J, 53
Chen J-W, 1326
Chen R, 893
Chen S-Y, 53
Chen X-L, 482
Chiu AT, 924
Cho JH, 377
Chobanian AV, 809, 1306
Chou P, 1034
Christ M, 117
Christe ME, 235
Ciucci A, 1116
Cléroux J, 391
Clozel M, 1025
Clyne C, 1129
Coats AJS, 151
Cohen H, 1144
Collier J, 918
Colombo M, 560
Connell JMC, 1266
Cook NR, 1106, 1153
Cooper A, 474
Cooper R, 1116
Coote JH, 1270
Corvol P, 6, 1119
Cosenzi A, 839
Cowley AW Jr, 663
Cramb G, 637
Crawford DC, 809
Cumin F, 1245
Cusi D, 320
Cutler JA, 305, 1153

Daemen MJAP, 464
Daffonchio A, 1287
D'Amico M, 507
Dandona P, 779
Danilov S, 219
Davies JE, 971
Day M, 294
de Assis Rocha Neves F, 1003
de Cavanagh EMV, 437
de Gasparo M, 924
De Mello WC, 1172
De Mey JGR, 464
de Ronde WAM, 22
Dean RH, 796
Deegan R, 1294
Del Bene R, 1053
Delacrétaz E, 14
Delair S, 92
Delalandre A, 105
Dell'Omo G, 981
Demontis MP, 453, 823
Deng AY, 1121
Deng L-Y, 699
Dengel DR, 1339
Denver AE, 461
Deußen A, 186
Devereux RB, 242
Di Bello V, 981
Di Muro C, 981
Di Rienzo M, 1276, 1287
DiBona GF, 531
Diez J, 356
Dillmann WH, 98
Dimsdale JE, 88
DiPette DJ, 1333
Distler A, 132, 511
Dixon WN, 994
Dobin A, 660
Dominiczak AF, 1202
Douglas JG, 694
Douglas SA, 818
Douwes K, 117
Drew M, 924
Du Y, 872
Dubey RK, 848
Duncan A-M, 928
Dureau G, 643
Dwyer TM, 888
Dyer M, 683

Edwards CRW, 626
Egan B, 30, 1096
Egan BM, 774
Egashira K, 201
Eisen C, 117
Eisenberg S, 343
Elliott HL, 1266
Elliott JD, 818
Elliott ME, 785
Endre T, 214
Engels K, 61
Ercole L, 437
Erdmann E, 954, 962
Eto T, 790
Evans DA, 1106
Ezekiel M, 818

Fagard R, 153
Falkenhahn M, 219
Falkner B, 1315
Faraci FM, 490, 735
Farivar RS, 809
Fattaccio MC, 453, 823
Favilla S, 595
Feelisch M, 186
Fekete Z, 377
Fenoy FJ, 408
Ferder L, 437
Ferrari AU, 1287
Ferrario CM, 796, 1260
Ferrer P, 408
Feuerstein GZ, 818
Filippelli A, 507
Fink GD, 288
Fishel RS, 343
Fisher NDL, 935
Fleming WW, 139
Flesch M, 954
Floor M, 77
Floras JS, 1167

Forni L, 460
Fornoff JR, 587
Fortuño A, 356
Foster C, 461
Franchi F, 1053
Franco-Saenz R, 443
Franke F, 219
Franzelli C, 1287
Fraser R, 67
Frazer M, 1294
Frick MH, 47
Frohlich ED, 154, 207, 303
Fronzaroli C, 1053
Fujii K, 950
Fujishima M, 545
Fukuo K, 711, 744
Fuller SB, 796

Gaboury C, 986
Gaboury CL, 935
Ganten D, 570, 1014, 1260
García-Martín E, 365
Garciandia A, 356
García-Salom M, 408
Gardner DG, 227, 679
Gatti M, 320
Gaudio G, 1301
Gavras H, 1003
Gavras I, 1003
Gayet C, 92
Geiger H, 674
Gellai M, 818
Ger L-P, 278
Gharehbaghi H, 124
Gharib C, 643
Giampietro O, 981
Giannattasio C, 560
Gifford RW Jr, 1052
Gillman MW, 1106
Ginoza M, 1003
Girdler SS, 554
Girerd X, 651
Glorioso N, 67, 453, 823
Glynn RJ, 1045
Godfrey M, 860
Goldberg AI, 1345
Goldberg AP, 1339
Goldberg MR, 37
Golomb E, 1178
Gong G, 350, 660
Goodfriend T, 924
Goodfriend TL, 30, 774, 785
Gorini G, 1301
Gräbel C, 954, 962
Gradman AH, 1345
Grandi AM, 1301
Granger JP, 883, 893
Grassi G, 560
Greiling H, 399
Grimm D, 250
Grisham MB, 860
Grover A, 779
Guan H, 752
Guasti L, 1301
Guéret P, 92
Guez D, 272
Guo D, 872
Gupta P, 443
Gururaj A, 1333
Gurwitz JH, 1045
Gutiérrez-Merino C, 365
Gyurko R, 314

Hagaman JR, 1111
Hagman M, 602
Halas ES, 539
Hall JE, 888, 893, 994
Haller H, 132, 511
Halstenson CN, 37
Hamada M, 266
Hamaguchi A, 1252
Hamann M, 1025
Hanai K, 431
Harding JW, 924
Harding P, 421
Harrap SB, 162, 928
Harris J, 1245
Harrison DG, 415
Hartmann S, 1075
Hashimoto R, 1311
Hata S, 711, 744
Hatakeyama H, 170
Haubeck H-D, 399
Haugh MC, 92
Hayakawa H, 790
Hayashi K, 1212
He H, 1294
Heagerty AM, 474
Heintz B, 399
Heistad DD, 490, 735
Hené RJ, 77
Hennekens CH, 1106, 1153
Herman T, 37
Hermsmeyer K, 731
Herrera GA, 888
Higaki J, 950
Higashi Y, 898
Higashino Y, 950
Higgins M, 305
Hilchey SD, 1238
Hildebrandt DA, 994
Hilgers KF, 674
Hilton MJ, 460
Hilton PJ, 460
Hinderliter AL, 384, 554
Hirata K-i, 180
Hirata Y, 790
Hirooka Y, 201
Hishikawa K, 449, 764
Hiwada K, 266
Hodgin JB, 1111
Høegholm A, 151
Hollenberg NK, 935
Holmer SR, 250
Honour JW, 626
Hope S, 1306
Horan MJ, 305
Hord CE Jr, 940
Horio T, 1185
Howell NL, 1021
Hsieh F-Y, 170
Hsu T-L, 1034
Hsueh Y-M, 53
Huang A, 758
Huang BS, 372, 814
Hughson R, 1058
Hughson RL, 643
Hulthén UL, 214
Husain A, 924

Ichiki T, 720
Iida N, 260
Ikeda LS, 1345
Ikeda M, 1196
Ikenouchi H, 790
Iki K, 170
Imaizumi T, 201
Imthurn B, 848
Inagami T, 720, 726, 872, 924, 1294
Ingram MC, 67
Inoue N, 180
Inoue T, 711, 744
Inserra F, 437
Ishii M, 146
Isoda F, 146
Iwai N, 431, 688
Iwao H, 1252
Izzo JL Jr, 779

Jackson EK, 82, 848
James M, 6
Jandeleit K, 250
Janssen JA, 22
Jeunemaitre X, 6
Johns EJ, 581
Johnson ML, 350, 660
Johnson RA, 166
Jones SY, 531
Julier C, 6
Julius S, 153, 1096

Kaasjager KAH, 620
Kai H, 201
Kaiser MA, 1245
Kajiyama G, 898
Kamitani A, 950
Kangawa K, 790
Kano H, 1185
Kaplan NM, 1052
Kasagi F, 71
Kassab S, 883, 893
Kasson BG, 1030
Katada T, 726
Katayama M, 180
Kato M, 545
Kato R, 449, 764
Kato T, 883, 893
Kauser K, 517
Kawashima S, 180
Kazatani Y, 266
Keiser HR, 1178
Keiser J, 893
Keller PJ, 848
Kelm M, 186
Kern JA, 704
Kett MM, 335
Khan IM, 524
Kim S, 570, 1252
Kimura K, 790
Kimura M, 377
King K, 828
Kinoshita M, 431, 688
Kirchner KA, 883
Kitamura K, 790
Kitamura Y, 431
Kitazono T, 490, 735
Kiuchi Y, 146
Kjeldsen SE, 1096
Kladis A, 928, 1014
Klevay LM, 539
Kligfield P, 242
Knorr A, 954, 962
Kogosov E, 878
Kohlman O Jr, 1003
Kohmoto O, 790
Kohno M, 1185, 1196
Kokubu T, 266
Koller A, 758
Komatsu K, 207
Kong J-Q, 139
Koomans HA, 77, 620
Korner PI, 610
Kost CK Jr, 82
Kotob S, 1178
Kouamé N, 391
Kovacic-Milivojevic B, 679
Krämer BK, 1025
Krebber T, 186
Krege JH, 1111
Krieger EM, 463
Kristensen KS, 151
Krolewski AS, 971
Krolewski B, 971
Kromer EP, 250
Kroodsma J-M, 22
Kuhlmann M, 511
Küng CF, 194
Kuo T-L, 53
Kurashina T, 866
Kurnjek ML, 283
Kuroda R, 180
Kurtz A, 1025
Kushner H, 1315

La Villa G, 1053
Labarthe D, 305
Lachance S, 105
Lacolley P, 651
Lacourcière Y, 391
Lai M-S, 53
Lanfranchi A, 560
Lang CC, 637
Lang JA, 704
LaPointe MC, 421
Laragh JH, 1144
Larivière R, 769
Larson MG, 1155
Lathrop M, 6
Lauer MS, 1155
Laurent S, 651
Lavesa M, 166
Lazzeri C, 1053
Lee MA, 570
Leenen FHH, 372, 814
Levin R, 1045
Levison S, 1315
Levy D, 1155
Lewis G, 37
Li J-S, 495, 769
Li P, 82
Liao Y, 1116
Lièvre M, 92
Light KC, 384, 554
Lin H-C, 278
Lin MC, 302
Lin S-J, 1034
Lipert S, 37
Littler WA, 1270
Lo M-W, 37
Lodwick D, 1245
Lohmeier TE, 940
López R, 356
Lu H, 37
Lu S, 663
Luft FC, 132, 511, 1075
Lüscher TF, 194, 501, 739

Macciardi F, 320
MacGregor GA, 1042
MacKenna DA, 98
Madeddu P, 453, 823
Madhavan S, 1144
Mai M, 674
Maillet A, 643

Maione S, 507
Majid DSA, 860
Mall G, 124
Man in 't Veld AJ, 22
Mancia G, 560, 1276, 1287
Mann JFE, 674
Manninen V, 47
Mänttäri M, 47
Margolius HS, 524
Marín J, 748
Mark AL, 834
Markandu ND, 1042
Marmot MG, 1322
Marumo T, 449, 764
Mason JI, 1129
Matsumura K, 1260
Matsuo H, 790
Matsuura H, 898
Mattei P, 595
Matteucci E, 981
Mattiasson I, 214
Mattson DL, 663
McGiff JC, 854
McKeigue PM, 1322
McWilliams EJ, 37
Melaragno MG, 288
Melzer H, 399
Menard J, 294, 1119
Meng QC, 828
Messeri G, 1053
Messerli FH, 153
Miao Z-H, 694
Mikami H, 950
Miki T, 950
Milani S, 564
Miller DH, 524
Miller JP, 587
Miller KB, 752
Miller MA, 1042
Mills PJ, 88
Ming M, 105
Mitchell KD, 1232
Miura K, 1252
Miyamori I, 170
Mizelle HL, 994
Mohamed-Ali V, 461
Molino R, 839
Monane M, 1045
Monopoli A, 564
Moreau P, 739
Moreland S, 1191
Morgan DA, 834
Morganti A, 631
Mori S, 545
Moriguchi A, 1260
Morimoto S, 711, 744
Morton JJ, 1266
Mos L, 986
Moskowitz DW, 587
Motta T, 631
Motwani JG, 637
Motz W, 186
Mrowka C, 399
Muders F, 250
Muirhead R, 320
Mukai M, 266
Mulder PGM, 22
Mulrow PJ, 443
Mulvany MJ, 474
Murata K, 866

Nabika T, 6
Nadeau A, 391
Nakahashi T, 711, 744
Nakaki T, 449, 764
Nakamoto H, 796
Nakamura A, 581
Nakamura T, 866
Nakanishi T, 1069
Nakata Y, 950
Nanbu A, 1069
Nash F, 377
Nasjletti A, 166, 752
Navar LG, 154, 860, 1232
Nelesen RA, 88
Nelson EB, 1345
Nelson R, 1220, 1294
Nembri P, 320
Neubig R, 1096
Ng LL, 971
Nishida H, 1311
Nishimura M, 1069
Nomura G, 1311
Numabe A, 207
Nussberger J, 14, 602
Nussdorfer GG, 842

O'Brien E, 461
Ogihara T, 711, 744, 950
Ohara Y, 415
Ohishi M, 950
Ohlstein EH, 818
Ohmichi N, 688
Ohta K, 1252
Okamura T, 1090
Okin PM, 242
Olofsson P, 1161
Omata M, 790
Omens JH, 98
Ongini E, 564
Ono H, 207
Ono Y, 207
Ono Z, 866
Oparil S, 828
Osborne B, 37
Oshima T, 898
O'Sullivan JB, 162
Ozono R, 898

Padginton C, 779
Palù G, 842
Parati G, 1276
Park JK, 132
Parlow J, 1058
Parpaglia PP, 453, 823
Paul M, 683
Pedrinelli R, 981
Peiró C, 748
Peng N, 828
Perry HM Jr, 587
Pessina AC, 842, 986
Peterson E, 1008
Pettinger WA, 350, 660
Philipp S, 511
Phillips MI, 314
Pieruzzi F, 1178
Pinkney, 461
Pivadori L, 37
Pizzirusso A, 507
Porcellati C, 1116
Potter DAL, 174
Poulsen H, 1161
Powell JR, 1191
Privitera PJ, 524
Pucci ML, 752

Qiu C, 61
Quinn PA, 971
Quintin L, 1058

Rabelink TJ, 620
Radaelli A, 1287
Ragsdale NV, 1021
Rainey WE, 1129
Rakugi H, 950
Ramana CV, 1333
Rapp JP, 1121
Ravalico G, 839
Ré RN, 154
Reboldi G, 1116
Redden RA, 343
Redondo J, 748
Rees B, 1014
Reeves JP, 377, 978
Reilly TM, 1260
Reinhart GA, 940, 994
Rembold CM, 482
Rentz U, 399
Ribeiro AB, 463, 1003
Ricote M, 365
Riegger GAJ, 250
Righetti M, 320
Rinaldi O, 1301
Robaczewski DL, 796
Robinson B, 918
Roccella EJ, 305
Rodgers RL, 235
Rodríguez-Martínez MA, 748
Roman MJ, 242
Roman RJ, 663
Romano L, 437
Rong P, 1014
Rosner B, 1106
Rosselli M, 848
Rossi F, 507
Rossi GP, 842
Rossi MG, 1301
Roudaut R, 92
Rubanyi GM, 517
Ruiz P, 283
Rump LC, 1224
Ruras A, 1116
Rutan G, 587

Sacerdote A, 839
Safar M, 651, 1119
Safar ME, 272
Sagnella GA, 1042
Saitoh S, 1008
Sakamaki T, 866
Sakamoto M, 1069
Sakoda T, 180
Sala C, 631
Salvetti A, 595
Samani NJ, 1245
Sambhi MP, 587
Samsell L, 61
Sánchez-Ferrer CF, 748
Sancho J, 365
Santucci A, 1116
Santucci C, 1116
Saruta T, 449, 764, 1212
Sato K, 866
Saul JP, 1276
Sayegh HS, 415
Schaberg T, 132
Schächinger H, 1075
Schaible U, 1224
Schalekamp MADH, 22
Schaper D, 511
Schieber EB, 854
Schiffrin EL, 495, 699, 769, 1135
Schillaci G, 1116
Schmid-Schönbein GW, 1083
Schmieder RE, 1075
Schobel HP, 1075
Scholz H, 1025
Schricker K, 1025
Schunkert H, 250
Scicli AG, 1008
Sealey JE, 1144
Sekihara H, 146
Semplicini A, 986
Senn BL, 1167
Seo B, 501
Seravalle G, 560
Sernia C, 314
Shackleton C, 785
Shai S-Y, 343
Sharp PS, 1322
Sherwood A, 384, 554
Shi S-J, 950
Shigematsu Y, 266
Shimamoto H, 327
Shimamoto Y, 327
Shimaoka K, 71
Shimoike H, 688
Shirai H, 726
Shyu M-P, 53
Siczkowski M, 971
Sieberth H-G, 399
Sigmon DH, 174, 803
Sigmund CD, 704
Simon J, 1030
Singer DRJ, 1042
Siragy HM, 1021
Sissmann J, 22
Siu CO, 1034
Skinner SL, 1014
Smithies O, 1111
Snavely DB, 1345
Solimano N, 839
Song D-L, 694
Soro A, 67
Soubrier F, 6
Spector R, 37
Stauss HM, 219
Stefani L, 1053
Stein CM, 1220, 1294
Stephan S, 124
Stephens N, 474
Stepniakowski K, 30
Stepniakowski KT, 774
Stickeler E, 399
Stjernquist M, 1161
Stöcker G, 399
Strauer BE, 186
Strazzulla G, 1053
Strickland J, 524
Struthers AD, 637
Suematsu M, 180
Sugimachi M, 201
Sung BH, 779
Supowit SC, 1333
Suzuki E, 790
Suzuki H, 449, 764, 1083, 1212
Suzuki S, 201
Suzuki Y, 790
Sventek P, 769
Sweeney FP, 971
Sweet CS, 1345
Swei A, 1083

Taddei S, 595

Taguchi H, 735
Tai T-Y, 53
Takahashi H, 1069
Takahashi K, 726
Takami S, 950
Takanashi Y, 146
Takase H, 739
Takeda R, 170
Takeda T, 1185, 1196
Takeda Y, 170
Takeshita A, 201
Talarico L, 981
Tallant EA, 1260
Tamura K, 146
Tanaka S-i, 146
Tanaka WK, 37
Tavares A, 1003
Taylor DA, 139
Tenkanen L, 47
Theisen K, 117
Thybo NK, 474
Timmermans PBMWM, 924
Ting C-T, 1034, 1326
Tisaire J, 356
Toda N, 1090
Tong X, 752
Tonolo G, 67
Tooyama I, 431
Touyz RM, 769
Townend JN, 1270
Triggle DJ, 731
Tseng C-J, 278
Tsuruta M, 1311
Tung C-S, 278
Turner JR, 554

Ueda S, 1266
Ukawa K, 146
Umemura S, 146
Unger T, 219

Vallance P, 918
van den Meiracker AH, 22
van der Schaaf MR, 77
Varoni MV, 453, 823
Vaziri SM, 1155
Venco A, 1301
Verdecchia P, 1116
Viale J-P, 1058
Villarreal FJ, 98
Vincent M, 1245
Virdis A, 595
Vitagliano S, 507
von Kügelgen I, 1224

Waeber B, 14, 602
Wagner J, 674
Waldman SA, 37
Waldron TL, 1191
Walker BR, 626
Walton H, 1260
Wang DH, 872
Wang S-P, 1034
Watanabe M, 898
Webb D, 918
Weder AB, 1096
Wehling M, 117
Weir MR, 1339
West JN, 1270
Westlund KN, 1333
Whelton P, 305
White AC, 731
Whitworth JA, 626
Wielbo D, 314
Wilkins FC, 893
Wilkins FC Jr, 883
Williamson PM, 626
Willis GW, 207
Wilson MF, 779
Winicov E, 796
Wood AJJ, 1220, 1294
Wood M, 1220, 1294
Word RA, 1129
Wormald R, 1322
Wu J, 105
Wu M-M, 53
Wyss JM, 828

Xiong W, 715

Yamakawa T, 146
Yamakura Y, 146
Yamamoto Y, 643
Yamin JJ, 415
Yang G, 704
Yano M, 744
Yao A, 872
Yasunari K, 1185
Yin FCP, 1034, 1326
Yokokawa K, 1185
Yokoyama M, 180
Yoneda T, 170
Yoshida K, 1090
Yoshimura M, 1069
Young SMH, 1322
Yudkin J, 461
Yukimura T, 1252

Zagato L, 320
Zanchetti A, 631
Zanella MT, 1003
Zanin L, 842
Zappe DH, 994
Zerbini G, 986
Zhu Y, 854
Zhu Y-C, 219
Ziegler MG, 88
Ziegler W, 511
Zintz M, 683
Zweifach BW, 1083
Zweifler AJ, 1096

Subject Index

Volume 25, January-June 1995

A

Abstracts
Abstracts of the 11th Scientific Meeting of the Inter-American Society of Hypertension, 1353

Acetylcholine
Gender Difference in Endothelial Dysfunction in the Aorta of Spontaneously Hypertensive Rats, 517
Sustained Hypertension in Dahl Rats: Negative Correlation of Agonist Response to Blood Pressure, 139

Acetylglucosaminidase
Serum *N*-Acetyl-β-D-Glucosaminidase Activity in Predicting the Development of Hypertension, 1311

Acetytlcholine
Enhanced Responses of the Basilar Artery to Activation of Endothelin-B Receptors in Stroke-Prone Spontaneously Hypertensive Rats, 490
Impaired Endothelium-Dependent Vasodilation of Large Epicardial and Resistance Coronary Arteries in Patients With Essential Hypertension: Different Responses to Acetylcholine and Substance P, 201

Actins
Angiotensin II Induces Cardiac Phenotypic Modulation and Remodeling In Vivo in Rats, 1252

Adaptation, psychological
Job Status and High-Effort Coping Influence Work Blood Pressure in Women and Blacks, 554

Adenosine
Attenuated Cardiovascular Response to Adenosine in the Brain Stem Nuclei of Spontaneously Hypertensive Rats, 278
Modeling Hemodynamic Profiles by Telemetry in the Rat: A Study With A_1 and A_{2a} Adenosine Agonists, 564

Adenosine triphosphate
Cardiac Glucose and Fatty Acid Oxidation in the Streptozotocin-Induced Diabetic Spontaneously Hypertensive Rat, 235

Adenyl cyclase
Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954
Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962

Adrenal cortex
Potassium Negatively Regulates Angiotensin II Type 1 Receptor Expression in Human Adrenocortical H295R Cells, 1129

Adrenal cortex hormones
11β-Hydroxysteroid Dehydrogenase and Its Inhibitors in Hypertensive Pregnancy, 626
Evidence of Coexisting Changes in 11β-Hydroxysteroid Dehydrogenase and 5β-Reductase Activity in Subjects With Untreated Essential Hypertension, 67

Adrenal glands
11β-Hydroxysteroid Dehydrogenase and Its Inhibitors in Hypertensive Pregnancy, 626
Blood Pressure and Heat Shock Protein Expression in Response to Acute and Chronic Stress, 539
Endothelin-1 and Its Receptors A and B in Human Aldosterone-Producing Adenomas, 842
Lead Increases Aldosterone Production by Rat Adrenal Cells, 785
Locally Generated Angiotensin II in the Adrenal Gland Regulates Basal, Corticotropin-, and Potassium-Stimulated Aldosterone Secretion, 443

Adrenal glomerulosa (see Zona glomerulosa)

Adrenal medulla
Regulation of Neuronal Nitric Oxide Synthase in Rat Adrenal Medulla, 431

Adrenalectomy
In Vivo Evidence for Microvascular Oxidative Stress in Spontaneously Hypertensive Rats: Hydroethidine Microfluorography, 1083
Production of Aldosterone in Isolated Rat Blood Vessels, 170

β-Adrenergic receptors (see Receptors, adrenergic

Aequorin
pH_i, $[Ca^{2+}]_i$, and Myosin Phosphorylation in Histamine- and NH_4^+-Induced Swine Carotid Artery Contraction, 482

Afferent pathways
Renal Afferent Denervation Prevents Hypertension in Rats With Chronic Renal Failure, 878

Aged
Thiazides and Hypertension in the Elderly, 1052
Trends in Medication Choices for Hypertension in the Elderly: The Decline of the Thiazides, 1045

Aging
Cardiovascular Changes by Long-term Inhibition of the Renin-Angiotensin System in Aging, 437
Different Mechanisms of Endothelial Dysfunction With Aging and Hypertension in Rat Aorta, 194
ET_A and ET_B Receptors Mediate Contraction to Endothelin-1 in Renal Artery of Aging SHR: Effects of FR139317 and Bosentan, 501
Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207
Impaired Maze Learning and Cerebral Glucose Utilization in Aged Hypertensive Rats, 545
Thiazides and Hypertension in the Elderly, 1052
Trends in Medication Choices for Hypertension in the Elderly: The Decline of the Thiazides, 1045

Albuminuria
Albuminuria in Association With Insulin and Sodium-Lithium Countertransport in Young African Americans With Borderline Hypertension, 1315
Microalbuminuria and Erythrocyte Sodium-Hydrogen Exchange in Essential Hypertension, 981

Alcohol drinking
Relationship of Alcohol Intake With Blood Pressure in Young Adults, 1106

Aldosterone
Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014
Angiotensin Peptides in Spontaneously Hypertensive and Normotensive Donryu Rats, 928
Characterization of the Angiotensin II Receptor Antagonist TCV-116 in Healthy Volunteers, 14
Effects of Head-Down Tilt on Atrial Natriuretic Peptide and the Renin System in Pregnancy, 1161
Endothelin-1 and Its Receptors A and B in Human Aldosterone-Producing Adenomas, 842
Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22
Lead Increases Aldosterone Production by Rat Adrenal Cells, 785
Locally Generated Angiotensin II in the Adrenal Gland Regulates Basal, Corticotropin-, and Potassium-Stimulated Aldosterone Secretion, 443
Production of Aldosterone in Isolated Rat Blood Vessels, 170
Rapid Effects of Aldosterone on Sodium Transport in Vascular Smooth Muscle Cells, 117
Reduction of Salt Intake During Converting Enzyme Inhibitor Treatment Compared With Addition of a Thiazide, 1042

Alleles
Enhanced Pressor Response to Angiotensin I in Normotensive Men With the Deletion Genotype (DD) for Angiotensin-Converting Enzyme, 1266

Ammonium chloride
pH_i, $[Ca^{2+}]_i$, and Myosin Phosphorylation in Histamine- and NH_4^+-Induced Swine Carotid Artery Contraction, 482

Androgens
Testosterone Regulation of Renal α_{2B}-Adrenergic Receptor mRNA Levels, 350

Angiotensin-converting enzyme
Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014
Angiotensin Peptides in Spontaneously Hypertensive and Normotensive Donryu Rats, 928
Angiotensinogen Gene and Blood Pressure in the Japanese Population, 688
Cardiovascular Development After Enalapril in Spontaneously Hypertensive and Wistar-Kyoto Rats, 610
Cellular Distribution of Angiotensin-Converting Enzyme After Myocardial Infarction, 219
Dissociation Between the Antiatherosclerotic Effect of Trandolapril and Suppression of Serum and Aortic Angiotensin-Converting Enzyme Activity in the Watanabe Heritable Hyperlipidemic Rabbit, 1306
Enhanced Predictability of Myocardial Infarction in Japanese by Combined Genotype Analysis, 950
Enhanced Pressor Response to Angiotensin I in Normotensive Men With the Deletion Genotype (DD) for Angiotensin-Converting Enzyme, 1266
Expression of Angiotensin-Converting Enzyme in Renovascular Hypertensive Rat Kidney, 674
Glucocorticoids Induce Angiotensin-Converting Enzyme Expression in Vascular Smooth Muscle, 343

Angiotensin-converting enzyme inhibitors
A Randomized, Placebo-Controlled, Double-Blind, Parallel Study of Various Doses of Losartan Potassium Compared With Enalapril Maleate in Patients With Essential Hypertension, 1345
Blockade of the Renin-Angiotensin System in Cardiac Pressure-Overload Hypertrophy in Rats, 250
Blood Pressure After Captopril Withdrawal From Spontaneously Hypertensive Rats, 82
Cardiovascular Changes by Long-term Inhibition of the Renin-Angiotensin System in Aging, 437
Dissociation Between the Antiatherosclerotic Effect of Trandolapril and Suppression of Serum and Aortic Angiotensin-Converting Enzyme Activity in the Watanabe Heritable Hyperlipidemic Rabbit, 1306
Effectiveness of Enalapril Versus Nifedipine to Antagonize Blood Pressure and the Renal Response to Endothelin in Humans, 620
Feasibility Study of N-of-1 Trials With Blood Pressure Self-Monitoring in Hypertension, 294
Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207
Hypertension After Renal Transplantation: Calcium Channel or Converting Enzyme Blockade? 77
Production of Aldosterone in Isolated Rat Blood Vessels, 170
Ramipril-Induced Regression of Left Ventricular Hypertrophy in Treated Hypertensive Individuals, 92
Reduction of Salt Intake During Converting Enzyme Inhibitor Treatment Compared With Addition of a Thiazide, 1042
Resetting Blood Pressure in Spontaneously Hypertensive Rats: The Role of Bradykinin, 162
Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954
Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962

Angiotensin I
Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014
Enhanced Pressor Response to Angiotensin I in Normotensive Men With the Deletion Genotype (DD) for Angiotensin-Converting Enzyme, 1266
Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22

Angiotensin II
A Randomized, Placebo-Controlled, Double-Blind, Parallel Study of Various Doses of Losartan Potassium Compared With Enalapril Maleate in Patients With Essential Hypertension, 1345
Angiotensin-(1-7) and Nitric Oxide Interaction in Renovascular Hypertension, 796
Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014
Angiotensin II and Sympathetic Activity in Sodium-Restricted Essential Hypertension, 595
Biochemical Effects of Losartan, a Nonpeptide Angiotensin II Receptor Antagonist, on the Renin-Angiotensin-Aldosterone System in Hypertensive Patients, 37
Blood Pressure After Captopril Withdrawal From Spontaneously Hypertensive Rats, 82
Characterization and Functional Analysis of the Rat Endothelin-1 Promoter, 683
Characterization of the Angiotensin II Receptor Antagonist TCV-116 in Healthy Volunteers, 14
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Effect of Angiotensin II Blockade on the Fibroproliferative Response to Phenylephrine in the Rat Heart, 809
Enalapril Does Not Prevent Renal Arterial Hypertrophy in Spontaneously Hypertensive Rats, 335
Endothelin Production in Cultured Mesangial Cells of Spontaneously Hypertensive Rats, 1196
Endothelium-Derived Constricting Factor in Renovascular Hypertension, 803
Enhanced Pressor Response to Angiotensin I in Normotensive Men With the Deletion Genotype (DD) for Angiotensin-Converting Enzyme, 1266
Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22
Locally Generated Angiotensin II in the Adrenal Gland Regulates Basal, Corticotropin-, and Potassium-Stimulated Aldosterone Secretion, 443
Mapping of G Protein Coupling Sites of the Angiotensin II Type 1 Receptor, 726
Modulation of Cardiac Autonomic Control in Humans by Angiotensin II, 1270
Mouse Model Workshop, 302
Myocardial Remodeling in Hypertensive Ren-2 Transgenic Rats, 98
Potassium Negatively Regulates Angiotensin II Type 1 Receptor Expression in Human Adrenocortical H295R Cells, 1129
Production of Aldosterone in Isolated Rat Blood Vessels, 170
Proposed Update of Angiotensin Receptor Nomenclature, 924
Regional Heterogeneity of Arterial Structural Changes, 464
Regulation of Neuronal Nitric Oxide Synthase in Rat Adrenal Medulla, 431
Renal Interstitial Fluid Angiotensin: Modulation by Anesthesia, Epinephrine, Sodium Depletion, and Renin Inhibition, 1021
Short-term and Sustained Renal Effects of Angiotensin II Receptor Blockade in Healthy Subjects, 602
There's Good News and Not So Good News, 303
Transcriptional Regulation of the Mouse Angiotensin II Type 2 Receptor Gene, 720

Angiotensin I–converting enzyme inhibitors (see Angiotensin-converting enzyme inhibitors)

Angiotensinogen
β-Adrenergic Receptors and Angiotensinogen Gene Expression in Mouse Hepatoma Cells In Vitro, 105
Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014
Angiotensin Peptides in Spontaneously Hypertensive and Normotensive Donryu Rats, 928

Angiotensinogen Gene and Blood Pressure in the Japanese Population, 688
Effect of EXP 3174 on Blood Pressure of Normoreninemic Renal Hypertensive Rats, 283
Enhanced Predictability of Myocardial Infarction in Japanese by Combined Genotype Analysis, 950
Enhanced Slow Pressor Effect of Angiotensin II in Two-Kidney, One Clip Rats, 288
Renal Nerves, Renin, and Angiotensinogen Gene Expression in Spontaneously Hypertensive Rats, 581
There's Good News and Not So Good News, 303

Angiotensinogen gene (see Angiotensinogen)

Angiotensins
Angiotensin-(1-7) and Nitric Oxide Interaction in Renovascular Hypertension, 796
Angiotensin Peptides in Spontaneously Hypertensive and Normotensive Donryu Rats, 928
Association Between the Natriuretic Action of Angiotensin-(1-7) and Selective Stimulation of Renal Prostaglandin I_2 Release, 1238
Nitric Oxide Synthesis Inhibition Blocks Reversal of Two-Kidney, One Clip Renovascular Hypertension After Unclipping, 174
Opposing Actions of Angiotensin-(1-7) and Angiotensin II in the Brain of Transgenic Hypertensive Rats, 1260

Animals, transgenic
Opposing Actions of Angiotensin-(1-7) and Angiotensin II in the Brain of Transgenic Hypertensive Rats, 1260

Antihypertensive agents
Antihypertensive Actions of the Novel Nonpeptide Endothelin Receptor Antagonist SB 209670, 818
Arterial Hemodynamics in Human Hypertension: Effects of the Calcium Channel Antagonist Nifedipine, 1326
Thiazides and Hypertension in the Elderly, 1052
Trends in Medication Choices for Hypertension in the Elderly: The Decline of the Thiazides, 1045

Antihypertensive therapy
Antihypertensive Therapy in Dyslipidemic Men: Effects on Coronary Heart Disease Incidence and Total Mortality, 47
Effect of Antihypertensive Treatment on Small Arteries of Patients With Previously Untreated Essential Hypertension, 474
Feasibility Study of N-of-1 Trials With Blood Pressure Self-Monitoring in Hypertension, 294
Hypertension After Renal Transplantation: Calcium Channel or Converting Enzyme Blockade? 77

Aorta
Blood Pressure and Heat Shock Protein Expression in Response to Acute and Chronic Stress, 539
Deoxycorticosterone Acetate Plus Salt Induces Overexpression of Vascular Endothelin-1 and Severe Vascular Hypertrophy in Spontaneously Hypertensive Rats, 769
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135
Identification of Vasopressin mRNA in Rat Aorta, 1030

Arachidonic acid
Identification of Arachidonate P-450 Metabolites in Human Platelet Phospholipids, 854

Arginine
Current Topics: Experimental: Nitric Oxide and Its Putative Role in Hypertension, 1202
Effects of L-Arginine Infusion on Renal Hemodynamics in Patients With Mild Essential Hypertension, 898
Enhanced Responses of the Basilar Artery to Activation of Endothelin-B Receptors in Stroke-Prone Spontaneously Hypertensive Rats, 490
Relation Between Pressure Natriuresis and Urinary Excretion of Nitrate/Nitrite in Anesthetized Dogs, 860
Renal Effects of Acute Amino Acid Infusion in Hypertension Induced by Chronic Nitric Oxide Blockade, 61

Arginine vasopressin (see Argipressin)

Argipressin
Endothelin Production in Cultured Mesangial Cells of Spontaneously Hypertensive Rats, 1196
Identification of Vasopressin mRNA in Rat Aorta, 1030

Arsenic
Increased Prevalence of Hypertension and Long-term Arsenic Exposure, 53

Arteries
Effect of Chronic Treatment of Adult Spontaneously Hypertensive Rats With an Endothelin Receptor Antagonist, 495
Enalapril Does Not Prevent Renal Arterial Hypertrophy in Spontaneously Hypertensive Rats, 335
Hypertrophy and Hyperplasia of Smooth Muscle Cells of Small Intramyocardial Arteries in Spontaneously Hypertensive Rats, 124
Regional Heterogeneity of Arterial Structural Changes, 464

Arterioles
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135
In Vivo Evidence for Microvascular Oxidative Stress in Spontaneously Hypertensive Rats: Hydroethidine Microfluorography, 1083
Mechanisms of Adrenomedullin-Induced Vasodilation in the Rat Kidney, 790
Shear Stress–Induced Dilation Is Attenuated in Skeletal Muscle Arterioles of Hypertensive Rats, 758

Atenolol
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Different Effects of Fosinopril and Atenolol on Wave Reflections in Hypertensive Patients, 1034

Atherosclerosis
Dissociation Between the Antiatherosclerotic Effect of Trandolapril and Suppression of Serum and Aortic Angiotensin-Converting Enzyme Activity in the Watanabe Heritable Hyperlipidemic Rabbit, 1306
Hypertension and the Pathogenesis of Atherosclerosis: Oxidative Stress and the Mediation of Arterial Inflammatory Response: A New Perspective, 155

Atrial function, left
Influence of Blood Pressure on Left Atrial Size: The Framingham Heart Study, 1155

Atrial natriuretic peptides
Atrial Natriuretic Peptide and Hemodynamic Changes During Normal Human Pregnancy, 631
Effects of Head-Down Tilt on Atrial Natriuretic Peptide and the Renin System in Pregnancy, 1161
Fra-1, a *Fos* Gene Family Member That Activates Atrial Natriuretic Peptide Gene Transcription, 679
Influence of Atrial Natriuretic Factor on Spontaneous Baroreflex Sensitivity for Heart Rate in Humans, 1167

Atropine
Spontaneous Cardiac Baroreflex in Humans: Comparison With Drug-Induced Responses, 1058

Autonomic nervous system
A Heme Oxygenase Product, Presumably Carbon Monoxide, Mediates a Vasodepressor Function in Rats, 166
Modulation of Cardiac Autonomic Control in Humans by Angiotensin II, 1270
Spectral Analysis of Blood Pressure and Heart Rate Variability in Evaluating Cardiovascular Regulation: A Critical Appraisal, 1276
Spontaneous Cardiac Baroreflex in Humans: Comparison With Drug-Induced Responses, 1058
Sympathetic Activation in Obese Normotensive Subjects, 560

B

Behavior
Impaired Maze Learning and Cerebral Glucose Utilization in Aged Hypertensive Rats, 545

Binding sites
Decreased Dihydropyridine Receptor Number in Hypertensive Rat Vascular Muscle Cells, 731

Blacks
Albuminuria in Association With Insulin and Sodium-Lithium Countertransport in Young African Americans With Borderline Hypertension, 1315
Job Status and High-Effort Coping Influence Work Blood Pressure in Women and Blacks, 554
Blood circulation
Effects of Bromocriptine on Cardiovascular Regulation in Healthy Humans, 1075
Hemodynamic and Renal Responses to Chronic Hyperinsulinemia in Obese, Insulin-Resistant Dogs, 994
Hypertension Induced by Chronic Renal Adrenergic Stimulation Is Angiotensin Dependent, 940
Measuring Forearm Blood Flow and Interpreting the Responses to Drugs and Mediators, 918
Blood flow (see Blood circulation and Renal circulation)
Blood platelets
Identification of Arachidonate P-450 Metabolites in Human Platelet Phospholipids, 854
Blood pressure
11β-Hydroxysteroid Dehydrogenase and Its Inhibitors in Hypertensive Pregnancy, 626
A Heme Oxygenase Product, Presumably Carbon Monoxide, Mediates a Vasodepressor Function in Rats, 166
Albuminuria in Association With Insulin and Sodium-Lithium Countertransport in Young African Americans With Borderline Hypertension, 1315
An Unexpected Result For Sodium— Causal Or Casual? 1153
Antisense Inhibition of Hypertension in the Spontaneously Hypertensive Rat, 314
Arterial Hemodynamics in Human Hypertension: Effects of the Calcium Channel Antagonist Nifedipine, 1326
Brain Kallikrein-Kinin System Abnormalities in Spontaneously Hypertensive Rats, 524
Cardiovascular Development After Enalapril in Spontaneously Hypertensive and Wistar-Kyoto Rats, 610
Cerebral ATP-Sensitive Potassium Channels During Acute Reduction of Carotid Blood Flow, 1069
Dissociation Between the Antiatherosclerotic Effect of Trandolapril and Suppression of Serum and Aortic Angiotensin-Converting Enzyme Activity in the Watanabe Heritable Hyperlipidemic Rabbit, 1306
Early Blockade of Bradykinin B_2-Receptors Alters the Adult Cardiovascular Phenotype in Rats, 453
Effect of Chronic Treatment of Adult Spontaneously Hypertensive Rats With an Endothelin Receptor Antagonist, 495
Effects of Kinin Blockade on the Blood Pressure of Salt-Loaded Pregnant Rats, 823
Effects of L-Arginine Infusion on Renal Hemodynamics in Patients With Mild Essential Hypertension, 898
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333
Influence of Atrial Natriuretic Factor on Spontaneous Baroreflex Sensitivity for Heart Rate in Humans, 1167
Lead Increases Aldosterone Production by Rat Adrenal Cells, 785
Low Urinary Sodium Is Associated With Greater Risk of Myocardial Infarction Among Treated Hypertensive Men, 1144
Muscle Delivery of Human Kallikrein Gene Reduces Blood Pressure in Hypertensive Rats, 715
Opposing Actions of Angiotensin-(1-7) and Angiotensin II in the Brain of Transgenic Hypertensive Rats, 1260
Physiological Determinants of Hyperreactivity to Stress in Borderline Hypertension, 384
Prevalence of Hypertension in the US Adult Population: Results From the Third National Health and Nutrition Examination Survey, 1988-1991, 305
Relationship of Alcohol Intake With Blood Pressure in Young Adults, 1106
Renal Denervation Attenuates the Sodium Retention and Hypertension Associated With Obesity, 893
Role of Endogenous Endothelins in the Renin System of Normal and Two-Kidney, One Clip Rats, 1025
Salt-Induced Increases in Systolic Blood Pressure Affect Renal Hemodynamics and Proteinuria, 1339
Spectral Analysis of Blood Pressure and Heart Rate Variability in Evaluating Cardiovascular Regulation: A Critical Appraisal, 1276
Spontaneous Cardiac Baroreflex in Humans: Comparison With Drug-Induced Responses, 1058
Sustained Hypertension in Dahl Rats: Negative Correlation of Agonist Response to Blood Pressure, 139
Sympathectomy and Cardiovascular Spectral Components in Conscious Normotensive Rats, 1287
Twenty-Four–Hour Noninvasive Blood Pressure Monitoring and Pain Perception, 1301
Blood pressure determination, noninvasive
A Noninvasive Computerized Tail-Cuff System for Measuring Blood Pressure in Mice, 1111
Blood pressure monitoring, ambulatory
Job Status and High-Effort Coping Influence Work Blood Pressure in Women and Blacks, 554
Twenty-Four–Hour Noninvasive Blood Pressure Monitoring and Pain Perception, 1301
Blood pressure monitors
Feasibility Study of N-of-1 Trials With Blood Pressure Self-Monitoring in Hypertension, 294
Blood vessels
Cardiovascular Changes by Long-term Inhibition of the Renin-Angiotensin System in Aging, 437
Identification of Vasopressin mRNA in Rat Aorta, 1030
Nitric Oxide and Its Putative Role in Hypertension, 1202
Blood volume
Atrial Natriuretic Peptide and Hemodynamic Changes During Normal Human Pregnancy, 631
Blotting, Northern
Differential Regulation of Angiotensin II Receptor Subtypes in Rat Kidney by Low Dietary Sodium, 872
Body water
Effect of Inhibiting Renal Kallikrein on Prostaglandin E_2, Water, and Sodium Excretion, 1008
Bradykinin
Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014
Early Blockade of Bradykinin B_2-Receptors Alters the Adult Cardiovascular Phenotype in Rats, 453
Resetting Blood Pressure in Spontaneously Hypertensive Rats: The Role of Bradykinin, 162
Role of Bradykinin in Insulin Sensitivity and Blood Pressure Regulation During Hyperinsulinemia, 1003
Role of Nitric Oxide in the Regulation of Coronary Vascular Tone in Hearts From Hypertensive Rats: Maintenance of Nitric Oxide–Forming Capacity and Increased Basal Production of Nitric Oxide, 186
Brain
Impaired Maze Learning and Cerebral Glucose Utilization in Aged Hypertensive Rats, 545
Brain natriuretic peptide (see Natriuretic peptides)
Brain stem
Attenuated Cardiovascular Response to Adenosine in the Brain Stem Nuclei of Spontaneously Hypertensive Rats, 278
Brief Reviews
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135
Bromocriptine
Effects of Bromocriptine on Cardiovascular Regulation in Healthy Humans, 1075

C

Ca^{2+}-transporting ATPase
Increased Calcium Stores in Platelets From African Americans, 377
Modulation of the Ca^{2+} Pump by the Hypothalamic-Hypophysary Inhibitory Factor, 365
Calcitonin gene–related peptide
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333

Calcium
Calcium- and Protein Kinase C–Dependent Basal Tone in the Aorta of Hypertensive Rats, 752
Mechanisms of Adrenomedullin-Induced Vasodilation in the Rat Kidney, 790
Myofilament Calcium Sensitivity of Normotensive and Hypertensive Resistance Arteries, 110
Na^+-H^+ Exchange and Essential Hypertension: A New Approach, 978
pH_i, $[Ca^{2+}]_i$, and Myosin Phosphorylation in Histamine- and NH_4^+-Induced Swine Carotid Artery Contraction, 482
Potassium Negatively Regulates Angiotensin II Type 1 Receptor Expression in Human Adrenocortical H295R Cells, 1129
Calcium channel blockers
Arterial Hemodynamics in Human Hypertension: Effects of the Calcium Channel Antagonist Nifedipine, 1326
Effectiveness of Enalapril Versus Nifedipine to Antagonize Blood Pressure and the Renal Response to Endothelin in Humans, 620
Hypertension After Renal Transplantation: Calcium Channel or Converting Enzyme Blockade? 77
Low-Density Lipoprotein Induces Vascular Adhesion Molecule Expression on Human Endothelial Cells, 511
Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954
Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962
Calcium channels
Decreased Dihydropyridine Receptor Number in Hypertensive Rat Vascular Muscle Cells, 731
Increased Calcium Stores in Platelets From African Americans, 377
Pressure Enhances Endothelin-1 Release From Cultured Human Endothelial Cells, 449
Calcium pump (see Ca^{2+}-transporting ATPase)
Captopril
Blood Pressure After Captopril Withdrawal From Spontaneously Hypertensive Rats, 82
Hypertension Induced by Chronic Renal Adrenergic Stimulation Is Angiotensin Dependent, 940
The Renal Medulla and Hypertension, 663
Carbon monoxide
A Heme Oxygenase Product, Presumably Carbon Monoxide, Mediates a Vasodepressor Function in Rats, 166
Carcinoma, hepatocellular
β-Adrenergic Receptors and Angiotensinogen Gene Expression in Mouse Hepatoma Cells In Vitro, 105
Cardiac hypertrophy (see Heart hypertrophy)
Cardiac output
Cardiovascular Effects of Brain Natriuretic Peptide in Essential Hypertension, 1053
Hemodynamic and Renal Responses to Chronic Hyperinsulinemia in Obese, Insulin-Resistant Dogs, 994
Physiological Determinants of Hyperreactivity to Stress in Borderline Hypertension, 384
Cardiovascular diseases
An Unexpected Result For Sodium— Causal Or Casual? 1153
Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17β-Estradiol and Norethisterone Acetate: A Two-Year Follow-up Study, 848
Carnitine
Cardiac Glucose and Fatty Acid Oxidation in the Streptozotocin-Induced Diabetic Spontaneously Hypertensive Rat, 235
Carotid arteries
Carotid Artery Mechanical Properties of Dahl Salt-Sensitive Rats, 272
Cerebral ATP-Sensitive Potassium Channels During Acute Reduction of Carotid Blood Flow, 1069
Common Carotid Artery Stiffness and Patterns of Left Ventricular Hypertrophy in Hypertensive Patients, 651
Carrier proteins
Rapid Effects of Aldosterone on Sodium Transport in Vascular Smooth Muscle Cells, 117
Case-control studies
Association of the α-Adducin Locus With Essential Hypertension, 320
Catecholamines
Effect of Circulating Epinephrine on Platelet Function and Hematocrit, 1096
Physiological Determinants of Hyperreactivity to Stress in Borderline Hypertension, 384
Racial Differences in Epinephrine and β_2-Adrenergic Receptors, 88
Wistar Fatty Rat Is Obese and Spontaneously Hypertensive, 146
Celiac artery
Different Flow Regulation Mechanisms Between Celiac and Mesenteric Vascular Beds in Conscious Rats, 260
Cell adhesion molecules
Low-Density Lipoprotein Induces Vascular Adhesion Molecule Expression on Human Endothelial Cells, 511
Cell communication
Influence of Intracellular Renin on Heart Cell Communication, 1172
Cells, cultured
Locally Generated Angiotensin II in the Adrenal Gland Regulates Basal, Corticotropin-, and Potassium-Stimulated Aldosterone Secretion, 443
Central nervous system
Brain Kallikrein-Kinin System Abnormalities in Spontaneously Hypertensive Rats, 524
Effect of EXP 3174 on Blood Pressure of Normoreninemic Renal Hypertensive Rats, 283
Enhanced Slow Pressor Effect of Angiotensin II in Two-Kidney, One Clip Rats, 288
Cerebral arteries
Enhanced Responses of the Basilar Artery to Activation of Endothelin-B Receptors in Stroke-Prone Spontaneously Hypertensive Rats, 490
Cerebrospinal fluid
Brain Kallikrein-Kinin System Abnormalities in Spontaneously Hypertensive Rats, 524
Effect of EXP 3174 on Blood Pressure of Normoreninemic Renal Hypertensive Rats, 283
Enhanced Slow Pressor Effect of Angiotensin II in Two-Kidney, One Clip Rats, 288
Cilazapril
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Clinical trials
Effect of Antihypertensive Treatment on Small Arteries of Patients With Previously Untreated Essential Hypertension, 474
Ramipril-Induced Regression of Left Ventricular Hypertrophy in Treated Hypertensive Individuals, 92
Clonidine
Spontaneous Cardiac Baroreflex in Humans: Comparison With Drug-Induced Responses, 1058
Cloning, molecular
Characterization and Functional Analysis of the Rat Endothelin-1 Promoter, 683
Coenzyme A
Cardiac Glucose and Fatty Acid Oxidation in the Streptozotocin-Induced Diabetic Spontaneously Hypertensive Rat, 235
Cold
Relation Between Cold Pressor Test and Development of Hypertension Based on 28-Year Follow-up, 71
Collagen
Angiotensin II Induces Cardiac Phenotypic Modulation and Remodeling In Vivo in Rats, 1252
Compliance
Carotid Artery Mechanical Properties of Dahl Salt-Sensitive Rats, 272
Lisinopril Improves Aortic Compliance and Renal Flow: Comparison With Nifedipine, 327
Myocardial Remodeling in Hypertensive Ren-2 Transgenic Rats, 98

Conscious SHR (see Rats, inbred SHR)
Coronary circulation
Impaired Endothelium-Dependent Vasodilation of Large Epicardial and Resistance Coronary Arteries in Patients With Essential Hypertension: Different Responses to Acetylcholine and Substance P, 201
Role of Nitric Oxide in the Regulation of Coronary Vascular Tone in Hearts From Hypertensive Rats: Maintenance of Nitric Oxide–Forming Capacity and Increased Basal Production of Nitric Oxide, 186
Coronary disease
Antihypertensive Therapy in Dyslipidemic Men: Effects on Coronary Heart Disease Incidence and Total Mortality, 47
Corticosterone
Evidence of Coexisting Changes in 11β-Hydroxysteroid Dehydrogenase and 5β-Reductase Activity in Subjects With Untreated Essential Hypertension, 67
Lead Increases Aldosterone Production by Rat Adrenal Cells, 785
Corticotropin
Locally Generated Angiotensin II in the Adrenal Gland Regulates Basal, Corticotropin-, and Potassium-Stimulated Aldosterone Secretion, 443
Cross-sectional studies
Antisense Inhibition of Hypertension in the Spontaneously Hypertensive Rat, 314
Prevalence of Hypertension in the US Adult Population: Results From the Third National Health and Nutrition Examination Survey, 1988-1991, 305
Relationship of Alcohol Intake With Blood Pressure in Young Adults, 1106
Cyclic GMP
Atrial Natriuretic Peptide and Hemodynamic Changes During Normal Human Pregnancy, 631
cGMP Upregulates Nitric Oxide Synthase Expression in Vascular Smooth Muscle Cells, 711
Insulin Attenuates Norepinephrine-Induced Venoconstriction: An Ultrasonographic Study, 779
Cyclosporine
Cyclosporin A Inhibits Nitric Oxide Synthase Induction in Vascular Smooth Muscle Cells, 764
Cytochrome P450
Identification of Arachidonate P-450 Metabolites in Human Platelet Phospholipids, 854
Cytokines
Effects of Interleukin-1β and Nitric Oxide on Cardiac Myocytes, 421
Cytoskeleton
Association of the α-Adducin Locus With Essential Hypertension, 320
Cytotoxins
Endothelin-1 Enhances Nitric Oxide–Induced Cytotoxicity in Vascular Smooth Muscle, 744

D

Denervation
Renal Afferent Denervation Prevents Hypertension in Rats With Chronic Renal Failure, 878
Deoxycorticosterone
Deoxycorticosterone Acetate Plus Salt Induces Overexpression of Vascular Endothelin-1 and Severe Vascular Hypertrophy in Spontaneously Hypertensive Rats, 769
Dexamethasone
Glucocorticoids Induce Angiotensin-Converting Enzyme Expression in Vascular Smooth Muscle, 343
Dialysis
Renal Interstitial Fluid Angiotensin: Modulation by Anesthesia, Epinephrine, Sodium Depletion, and Renin Inhibition, 1021
Diet, sodium-restricted (see also Sodium, dietary)
Reduction of Salt Intake During Converting Enzyme Inhibitor Treatment Compared With Addition of a Thiazide, 1042
Diuretics
Thiazides and Hypertension in the Elderly, 1052
Trends in Medication Choices for Hypertension in the Elderly: The Decline of the Thiazides, 1045
Diuretics, thiazide
Reduction of Salt Intake During Converting Enzyme Inhibitor Treatment Compared With Addition of a Thiazide, 1042
DNA-binding protein
Transcriptional Regulation of the Mouse Angiotensin II Type 2 Receptor Gene, 720
DNA, antisense
There's Good News and Not So Good News, 303
Dopamine
Effect of Circulating Epinephrine on Platelet Function and Hematocrit, 1096
Doppler flowmetry (see Laser-Doppler flowmetry)
Dose-response relationship, drug
A Randomized, Placebo-Controlled, Double-Blind, Parallel Study of Various Doses of Losartan Potassium Compared With Enalapril Maleate in Patients With Essential Hypertension, 1345
Characterization of the Angiotensin II Receptor Antagonist TCV-116 in Healthy Volunteers, 14
Drug interactions
Natriuretic Response to Neutral Endopeptidase Inhibition Is Blunted by Enalapril in Healthy Men, 637

E

Echocardiography
Influence of Blood Pressure on Left Atrial Size: The Framingham Heart Study, 1155
Editorial
Theodore Cooper Memorial Lectureship, 154
Editorial Comments
An Unexpected Result for Sodium—Causal or Casual?, 1153
Na^+-H^+ Exchange and Essential Hypertension: A New Approach, 978
Thiazides and Hypertension in the Elderly, 1052
EDRF
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Elderly (see Aged)
Electrocardiography
Gender Differences and the Electrocardiogram in Left Ventricular Hypertrophy, 242
Electroretinography
Oscillatory Potentials of the Electroretinogram in Hypertensive Patients, 839
Enalapril
A Randomized, Placebo-Controlled, Double-Blind, Parallel Study of Various Doses of Losartan Potassium Compared With Enalapril Maleate in Patients With Essential Hypertension, 1345
Cardiovascular Development After Enalapril in Spontaneously Hypertensive and Wistar-Kyoto Rats, 610
Feasibility Study of N-of-1 Trials With Blood Pressure Self-Monitoring in Hypertension, 294
Natriuretic Response to Neutral Endopeptidase Inhibition Is Blunted by Enalapril in Healthy Men, 637
Endothelin-1 (see Endothelins)
Endothelins
Antihypertensive Actions of the Novel Nonpeptide Endothelin Receptor Antagonist SB 209670, 818
Antihypertensive Effects of a Novel Endothelin-A Receptor Antagonist in Rats, 1191
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Deoxycorticosterone Acetate Plus Salt Induces Overexpression of Vascular Endothelin-1 and Severe Vascular Hypertrophy in Spontaneously Hypertensive Rats, 769
Different Mechanisms of Endothelial Dysfunction With Aging and Hypertension in Rat Aorta, 194

Effectiveness of Enalapril Versus Nifedipine to Antagonize Blood Pressure and the Renal Response to Endothelin in Humans, 620
Endothelin-1 and Its Receptors A and B in Human Aldosterone-Producing Adenomas, 842
Endothelin-1 Enhances Nitric Oxide–Induced Cytotoxicity in Vascular Smooth Muscle, 744
Endothelin-1 in Rat Periaqueductal Gray Area Induces Hypertension Via Glutamatergic Receptors, 507
Endothelin Production in Cultured Mesangial Cells of Spontaneously Hypertensive Rats, 1196
Endothelin Receptor Subtypes in Small Arteries: Studies With FR139317 and Bosentan, 739
ET_A and ET_B Receptors Mediate Contraction to Endothelin-1 in Renal Artery of Aging SHR: Effects of FR139317 and Bosentan, 501
Gender Difference in Endothelial Dysfunction in the Aorta of Spontaneously Hypertensive Rats, 517
Inhibition of Endothelin Production by Adrenomedullin in Vascular Smooth Muscle Cells, 1185
Pressure Enhances Endothelin-1 Release From Cultured Human Endothelial Cells, 449
Role of Endogenous Endothelins in the Renin System of Normal and Two-Kidney, One Clip Rats, 1025

Endothelium
Cellular Distribution of Angiotensin-Converting Enzyme After Myocardial Infarction, 219
Characterization and Functional Analysis of the Rat Endothelin-1 Promoter, 683
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Dietary Sodium Intake Modulates Vasodilation Mediated by Nitroprusside But Not by Methacholine in the Human Forearm, 1220
Different Mechanisms of Endothelial Dysfunction With Aging and Hypertension in Rat Aorta, 194
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135
Glucocorticoids Induce Angiotensin-Converting Enzyme Expression in Vascular Smooth Muscle, 343
Hypertension and the Pathogenesis of Atherosclerosis: Oxidative Stress and the Mediation of Arterial Inflammatory Response: A New Perspective, 155
Influence of Endothelium on Cultured Vascular Smooth Muscle Cell Proliferation, 748
Inhibition of Endothelial Nitric Oxide Synthase Activity by Protein Kinase C, 180
Low-Density Lipoprotein Induces Vascular Adhesion Molecule Expression on Human Endothelial Cells, 511
Mechanisms of Adrenomedullin-Induced Vasodilation in the Rat Kidney, 790
Nitric Oxide Synthesis Inhibition Blocks Reversal of Two-Kidney, One Clip Renovascular Hypertension After Unclipping, 174
Regional Heterogeneity of Arterial Structural Changes, 464
Relaxation of the Aorta During Hypoxia Is Impaired in Chronically Hypertensive Rats, 735
Role of Endogenous Endothelins in the Renin System of Normal and Two-Kidney, One Clip Rats, 1025

Endothelium-derived factors
Different Mechanisms of Endothelial Dysfunction With Aging and Hypertension in Rat Aorta, 194
Enhanced Responses of the Basilar Artery to Activation of Endothelin-B Receptors in Stroke-Prone Spontaneously Hypertensive Rats, 490
Gender Difference in Endothelial Dysfunction in the Aorta of Spontaneously Hypertensive Rats, 517
Impaired Endothelium-Dependent Vasodilation of Large Epicardial and Resistance Coronary Arteries in Patients With Essential Hypertension: Different Responses to Acetylcholine and Substance P, 201
Nitric Oxide and Its Putative Role in Hypertension, 1202
Nitric Oxide Synthesis Inhibition Blocks Reversal of Two-Kidney, One Clip Renovascular Hypertension After Unclipping, 174
Relaxation of the Aorta During Hypoxia Is Impaired in Chronically Hypertensive Rats, 735
Role of Nitric Oxide in the Regulation of Coronary Vascular Tone in Hearts From Hypertensive Rats: Maintenance of Nitric Oxide–Forming Capacity and Increased Basal Production of Nitric Oxide, 186

Epidemiologic factors
Early Predictors of 15-Year End-Stage Renal Disease in Hypertensive Patients, 587

Epidemiology
Influence of Blood Pressure on Left Atrial Size: The Framingham Heart Study, 1155
Serum *N*-Acetyl-β-D-Glucosaminidase Activity in Predicting the Development of Hypertension, 1311
Thiazides and Hypertension in the Elderly, 1052
Trends in Medication Choices for Hypertension in the Elderly: The Decline of the Thiazides, 1045

Epoxy compounds
Identification of Arachidonate P-450 Metabolites in Human Platelet Phospholipids, 854

Erythrocytes
Sodium-Lithium Countertransport Has Low Affinity for Sodium in Hyperinsulinemic Hypertensive Subjects, 986

Estradiol
Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17β-Estradiol and Norethisterone Acetate: A Two-Year Follow-up Study, 848

Ethnic groups
Hypertensive Retinopathy in Afro-Caribbeans and Europeans: Prevalence and Risk Factor Relationships, 1322

Euglycemic clamp technique (see Glucose clamp technique)

Exercise
Decreased Glomerular Basement Membrane Heparan Sulfate Proteoglycan in Essential Hypertension, 399
Effects of Different Training Intensities on the Cardiopulmonary Baroreflex Control of Forearm Vascular Resistance in Hypertensive Subjects, 391

Extracellular matrix
Effect of Angiotensin II Blockade on the Fibroproliferative Response to Phenylephrine in the Rat Heart, 809
Increased Hyaluronic Acid in the Inner Renal Medulla of Obese Dogs, 888
Myocardial Remodeling in Hypertensive Ren-2 Transgenic Rats, 98

F

Fatty acids, nonesterified
Fatty Acids Enhance Vascular α-Adrenergic Sensitivity, 774

Fibroblast growth factor
Natriuretic Peptides Inhibit DNA Synthesis in Cardiac Fibroblasts, 227

Fibroblasts
Natriuretic Peptides Inhibit DNA Synthesis in Cardiac Fibroblasts, 227

Fibronectins
Angiotensin II Induces Cardiac Phenotypic Modulation and Remodeling In Vivo in Rats, 1252

Fibrosis
Effect of Angiotensin II Blockade on the Fibroproliferative Response to Phenylephrine in the Rat Heart, 809
Monocyte Infiltration and c-*fms* Expression in Hearts of Spontaneously Hypertensive Rats, 132
Myocardial Remodeling in Hypertensive Ren-2 Transgenic Rats, 98

Follow-up studies
Relation Between Cold Pressor Test and Development of Hypertension Based on 28-Year Follow-up, 71

Forearm
Insulin and Forearm Vasodilation in Hypertension-Prone Men, 214

Fosinopril
Different Effects of Fosinopril and Atenolol on Wave Reflections in Hypertensive Patients, 1034
Free radicals
In Vivo Evidence for Microvascular Oxidative Stress in Spontaneously Hypertensive Rats: Hydroethidine Microfluorography, 1083
Fura 2
Myofilament Calcium Sensitivity of Normotensive and Hypertensive Resistance Arteries, 110

G

G proteins
Mapping of G Protein Coupling Sites of the Angiotensin II Type 1 Receptor, 726
Ganglionic blockers
Different Flow Regulation Mechanisms Between Celiac and Mesenteric Vascular Beds in Conscious Rats, 260
Gender (see Sex)
Gene expression
Differential Gene Expression of Renin and Angiotensinogen in the TGR(mREN-2)27 Transgenic Rat, 570
Fra-1, a *Fos* Gene Family Member That Activates Atrial Natriuretic Peptide Gene Transcription, 679
Renal Nerves, Renin, and Angiotensinogen Gene Expression in Spontaneously Hypertensive Rats, 581
Gene expression regulation
Characterization and Functional Analysis of the Rat Endothelin-1 Promoter, 683
Differential Regulation of Angiotensin II Receptor Subtypes in Rat Kidney by Low Dietary Sodium, 872
Gene therapy
Muscle Delivery of Human Kallikrein Gene Reduces Blood Pressure in Hypertensive Rats, 715
Genes
Angiotensinogen Gene and Blood Pressure in the Japanese Population, 688
Association of the α-Adducin Locus With Essential Hypertension, 320
Detection and Positional Cloning of Blood Pressure Quantitative Trait Loci: Is It Possible?: Identifying the Genes for Genetic Hypertension, 1121
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333
Genes, *fos*
Fra-1, a *Fos* Gene Family Member That Activates Atrial Natriuretic Peptide Gene Transcription, 679
Genetics
A Noninvasive Computerized Tail-Cuff System for Measuring Blood Pressure in Mice, 1111
Analysis of the Role of Angiotensinogen in Spontaneous Hypertension, 1245
Evaluation of the SA Locus in Human Hypertension, 6
Genotype
Enhanced Predictability of Myocardial Infarction in Japanese by Combined Genotype Analysis, 950
Glomerular filtration rate
Effect of Renal Perfusion Pressure on Renal Interstitial Hydrostatic Pressure and Sodium Excretion: Role of Vasopressin V_1 and V_2 Receptors, 866
Glomerular mesangium
Endothelin Production in Cultured Mesangial Cells of Spontaneously Hypertensive Rats, 1196
Glucocorticoids
In Vivo Evidence for Microvascular Oxidative Stress in Spontaneously Hypertensive Rats: Hydroethidine Microfluorography, 1083
Glucose
Impaired Maze Learning and Cerebral Glucose Utilization in Aged Hypertensive Rats, 545
Glucose clamp technique
Insulin and Forearm Vasodilation in Hypertension-Prone Men, 214
Role of Bradykinin in Insulin Sensitivity and Blood Pressure Regulation During Hyperinsulinemia, 1003
Glyburide
Relaxation of the Aorta During Hypoxia Is Impaired in Chronically Hypertensive Rats, 735
Glycine
Renal Effects of Acute Amino Acid Infusion in Hypertension Induced by Chronic Nitric Oxide Blockade, 61
Growth
Influence of Endothelium on Cultured Vascular Smooth Muscle Cell Proliferation, 748
Guanylate cyclase
Mutational Inactivation of the Catalytic Domain of Guanylate Cyclase-A Receptor, 694

H

Heart
Cardiac Glucose and Fatty Acid Oxidation in the Streptozotocin-Induced Diabetic Spontaneously Hypertensive Rat, 235
Cardiovascular Changes by Long-term Inhibition of the Renin-Angiotensin System in Aging, 437
Cellular Distribution of Angiotensin-Converting Enzyme After Myocardial Infarction, 219
Influence of Intracellular Renin on Heart Cell Communication, 1172
Heart failure, congestive
Pulmonary and Renal Neutral Endopeptidase EC 3.4.24.11 in Rats With Experimental Heart Failure, 1178
Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954
Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962
Heart hypertrophy
Angiotensin II Induces Cardiac Phenotypic Modulation and Remodeling In Vivo in Rats, 1252
Effects of Interleukin-1β and Nitric Oxide on Cardiac Myocytes, 421
Fra-1, a *Fos* Gene Family Member That Activates Atrial Natriuretic Peptide Gene Transcription, 679
Monocyte Infiltration and c-*fms* Expression in Hearts of Spontaneously Hypertensive Rats, 132
Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954
Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962
Heart rate
Hemodynamic and Renal Responses to Chronic Hyperinsulinemia in Obese, Insulin-Resistant Dogs, 994
Influence of Atrial Natriuretic Factor on Spontaneous Baroreflex Sensitivity for Heart Rate in Humans, 1167
Modulation of Cardiac Autonomic Control in Humans by Angiotensin II, 1270
Spectral Analysis of Blood Pressure and Heart Rate Variability in Evaluating Cardiovascular Regulation: A Critical Appraisal, 1276
Spectral Analysis of Blood Pressure Variability in Heart Transplant Patients, 643
Spontaneous Cardiac Baroreflex in Humans: Comparison With Drug-Induced Responses, 1058
Heat shock proteins
Blood Pressure and Heat Shock Protein Expression in Response to Acute and Chronic Stress, 539
Heme oxygenase
A Heme Oxygenase Product, Presumably Carbon Monoxide, Mediates a Vasodepressor Function in Rats, 166
Hemodynamics
Atrial Natriuretic Peptide and Hemodynamic Changes During Normal Human Pregnancy, 631
Cardiovascular Effects of Brain Natriuretic Peptide in Essential Hypertension, 1053
Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207

Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22
Lisinopril Improves Aortic Compliance and Renal Flow: Comparison With Nifedipine, 327
Modeling Hemodynamic Profiles by Telemetry in the Rat: A Study With A_1 and A_{2a} Adenosine Agonists, 564

Heparatin sulfate
Decreased Glomerular Basement Membrane Heparan Sulfate Proteoglycan in Essential Hypertension, 399

Hepatoma (see Carcinoma, hepatocellular)

Humans
Potassium Negatively Regulates Angiotensin II Type 1 Receptor Expression in Human Adrenocortical H295R Cells, 1129

Hydralazine
Regulation of Neuronal Nitric Oxide Synthase in Rat Adrenal Medulla, 431

Hydrogen-ion concentration
pH_i, $[Ca^{2+}]_i$, and Myosin Phosphorylation in Histamine- and NH_4^+-Induced Swine Carotid Artery Contraction, 482

Hydrostatic pressure
Endothelin Antagonists Improve Renal Function in Spontaneously Hypertensive Rats, 883

Hydroxysteroid dehydrogenases
11β-Hydroxysteroid Dehydrogenase and Its Inhibitors in Hypertensive Pregnancy, 626
Evidence of Coexisting Changes in 11β-Hydroxysteroid Dehydrogenase and 5β-Reductase Activity in Subjects With Untreated Essential Hypertension, 67

Hypercholesterolemia
Antihypertensive Therapy in Dyslipidemic Men: Effects on Coronary Heart Disease Incidence and Total Mortality, 47

Hyperinsulinism
Sodium-Lithium Countertransport Has Low Affinity for Sodium in Hyperinsulinemic Hypertensive Subjects, 986

Hyperplasia
Hypertrophy and Hyperplasia of Smooth Muscle Cells of Small Intramyocardial Arteries in Spontaneously Hypertensive Rats, 124
Sustained Hypertension in Dahl Rats: Negative Correlation of Agonist Response to Blood Pressure, 139

Hypertension, arterial
Calcium- and Protein Kinase C–Dependent Basal Tone in the Aorta of Hypertensive Rats, 752
Current Topics: Experimental: Nitric Oxide and Its Putative Role in Hypertension, 1202
Oscillatory Potentials of the Electroretinogram in Hypertensive Patients, 839
Role of Nitric Oxide in the Regulation of Coronary Vascular Tone in Hearts From Hypertensive Rats: Maintenance of Nitric Oxide–Forming Capacity and Increased Basal Production of Nitric Oxide, 186
Serum *N*-Acetyl-β-D-Glucosaminidase Activity in Predicting the Development of Hypertension, 1311

Hypertension, borderline
Albuminuria in Association With Insulin and Sodium-Lithium Countertransport in Young African Americans With Borderline Hypertension, 1315
Physiological Determinants of Hyperreactivity to Stress in Borderline Hypertension, 384

Hypertension, chronic
Blood Pressure and Heat Shock Protein Expression in Response to Acute and Chronic Stress, 539
Increased Hyaluronic Acid in the Inner Renal Medulla of Obese Dogs, 888
Renal Effects of Acute Amino Acid Infusion in Hypertension Induced by Chronic Nitric Oxide Blockade, 61

Hypertension, coronary disease risk
Relationships Among Plasma Aldosterone, High-Density Lipoprotein Cholesterol, and Insulin in Humans, 30

Hypertension, endocrine
Endothelin-1 and Its Receptors A and B in Human Aldosterone-Producing Adenomas, 842

Hypertension, essential
A Randomized, Placebo-Controlled, Double-Blind, Parallel Study of Various Doses of Losartan Potassium Compared With Enalapril Maleate in Patients With Essential Hypertension, 1345
Antisense Inhibition of Hypertension in the Spontaneously Hypertensive Rat, 314
Arterial Hemodynamics in Human Hypertension: Effects of the Calcium Channel Antagonist Nifedipine, 1326
Association of the α-Adducin Locus With Essential Hypertension, 320
Cardiovascular Effects of Brain Natriuretic Peptide in Essential Hypertension, 1053
Common Carotid Artery Stiffness and Patterns of Left Ventricular Hypertrophy in Hypertensive Patients, 651
Decreased Glomerular Basement Membrane Heparan Sulfate Proteoglycan in Essential Hypertension, 399
Different Effects of Fosinopril and Atenolol on Wave Reflections in Hypertensive Patients, 1034
Early Predictors of 15-Year End-Stage Renal Disease in Hypertensive Patients, 587
Effect of Antihypertensive Treatment on Small Arteries of Patients With Previously Untreated Essential Hypertension, 474
Effect of Chronic Treatment of Adult Spontaneously Hypertensive Rats With an Endothelin Receptor Antagonist, 495
Effect of Circulating Epinephrine on Platelet Function and Hematocrit, 1096
Effects of L-Arginine Infusion on Renal Hemodynamics in Patients With Mild Essential Hypertension, 898
Enhanced Na^+-H^+ Exchanger Activity and NHE-1 mRNA Expression in Lymphocytes From Patients With Essential Hypertension, 356
Evaluation of the SA Locus in Human Hypertension, 6
Evidence of Coexisting Changes in 11β-Hydroxysteroid Dehydrogenase and 5β-Reductase Activity in Subjects With Untreated Essential Hypertension, 67
Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22
Hypertension and the Pathogenesis of Atherosclerosis: Oxidative Stress and the Mediation of Arterial Inflammatory Response: A New Perspective, 155
Hypertensive Retinopathy in Afro-Caribbeans and Europeans: Prevalence and Risk Factor Relationships, 1322
Impaired Endothelium-Dependent Vasodilation of Large Epicardial and Resistance Coronary Arteries in Patients With Essential Hypertension: Different Responses to Acetylcholine and Substance P, 201
Increased Calcium Stores in Platelets From African Americans, 377
Increased Prevalence of Hypertension and Long-term Arsenic Exposure, 53
Influence of Blood Pressure on Left Atrial Size: The Framingham Heart Study, 1155
Microalbuminuria and Erythrocyte Sodium-Hydrogen Exchange in Essential Hypertension, 981
Modeling Hemodynamic Profiles by Telemetry in the Rat: A Study With A_1 and A_{2a} Adenosine Agonists, 564
Na^+-H^+ Antiporter Phenotype, Abundance, and Phosphorylation of Immortalized Lymphoblasts From Humans With Hypertension, 971
Na^+-H^+ Exchange and Essential Hypertension: A New Approach, 978
Prevalence of Hypertension in the US Adult Population: Results From the Third National Health and Nutrition Examination Survey, 1988-1991, 305
Racial Differences in Epinephrine and β_2-Adrenergic Receptors, 88
Ramipril-Induced Regression of Left Ventricular Hypertrophy in Treated Hypertensive Individuals, 92
Relation Between Cold Pressor Test and Development of Hypertension Based on 28-Year Follow-up, 71
Sodium-Lithium Countertransport Has Low Affinity for Sodium in Hyperinsulinemic Hypertensive Subjects, 986

Spectral Analysis of Blood Pressure and Heart Rate Variability in Evaluating Cardiovascular Regulation: A Critical Appraisal, 1276
There's Good News and Not So Good News, 303
Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954
Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962
Twenty-Four–Hour Noninvasive Blood Pressure Monitoring and Pain Perception, 1301

Hypertension, experimental
α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224
Antihypertensive Actions of the Novel Nonpeptide Endothelin Receptor Antagonist SB 209670, 818
Antihypertensive Effects of a Novel Endothelin-A Receptor Antagonist in Rats, 1191
Cerebral ATP-Sensitive Potassium Channels During Acute Reduction of Carotid Blood Flow, 1069
Differential Gene Expression of Renin and Angiotensinogen in the TGR(mREN-2)27 Transgenic Rat, 570
Effect of Angiotensin II Blockade on the Fibroproliferative Response to Phenylephrine in the Rat Heart, 809
Endothelin-1 in Rat Periaqueductal Gray Area Induces Hypertension Via Glutamatergic Receptors, 507
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333
Hypertension Induced by Chronic Renal Adrenergic Stimulation Is Angiotensin Dependent, 940

Hypertension, family history of
Insulin and Forearm Vasodilation in Hypertension-Prone Men, 214

Hypertension, genetic
Angiotensinogen Gene and Blood Pressure in the Japanese Population, 688
Decreased Dihydropyridine Receptor Number in Hypertensive Rat Vascular Muscle Cells, 731
Detection and Positional Cloning of Blood Pressure Quantitative Trait Loci: Is It Possible?: Identifying the Genes for Genetic Hypertension, 1121
Endogenous Human Renin Expression and Promoter Activity in CALU-6, a Pulmonary Carcinoma Cell Line, 704
Myofilament Calcium Sensitivity of Normotensive and Hypertensive Resistance Arteries, 110
Opposing Actions of Angiotensin-(1-7) and Angiotensin II in the Brain of Transgenic Hypertensive Rats, 1260
Resetting Blood Pressure in Spontaneously Hypertensive Rats: The Role of Bradykinin, 162
Shear Stress–Induced Dilation Is Attenuated in Skeletal Muscle Arterioles of Hypertensive Rats, 758

Hypertension, malignant
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135

Hypertension, mineralocorticoid
Antihypertensive Effects of a Novel Endothelin-A Receptor Antagonist in Rats, 1191
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135
Lead Increases Aldosterone Production by Rat Adrenal Cells, 785

Hypertension, paroxysmal
Blood Pressure Response to the Valsalva Maneuver in Pheochromocytoma and Pseudopheochromocytoma, 266

Hypertension, pregnancy-induced
11β-Hydroxysteroid Dehydrogenase and Its Inhibitors in Hypertensive Pregnancy, 626
Effects of Kinin Blockade on the Blood Pressure of Salt-Loaded Pregnant Rats, 823

Hypertension, renal
Angiotensin-(1-7) and Nitric Oxide Interaction in Renovascular Hypertension, 796
Renal Afferent Denervation Prevents Hypertension in Rats With Chronic Renal Failure, 878
The Renal Medulla and Hypertension, 663

Hypertension, renovascular
Enalapril Does Not Prevent Renal Arterial Hypertrophy in Spontaneously Hypertensive Rats, 335
Endothelium-Derived Constricting Factor in Renovascular Hypertension, 803
Expression of Angiotensin-Converting Enzyme in Renovascular Hypertensive Rat Kidney, 674
Modulation of Tubuloglomerular Feedback by Angiotensin II Type 1 Receptors During the Development of Goldblatt Hypertension, 1232
Nitric Oxide Synthesis Inhibition Blocks Reversal of Two-Kidney, One Clip Renovascular Hypertension After Unclipping, 174

Hypertension, salt-dependent (see Hypertension, sodium-dependent)

Hypertension, sodium-dependent
Acute Hypertension Increases Norepinephrine Release in the Anterior Hypothalamic Area, 828
An Unexpected Result For Sodium— Causal Or Casual? 1153
Carotid Artery Mechanical Properties of Dahl Salt-Sensitive Rats, 272
Increased Hyaluronic Acid in the Inner Renal Medulla of Obese Dogs, 888
Low Urinary Sodium Is Associated With Greater Risk of Myocardial Infarction Among Treated Hypertensive Men, 1144
Reduction of Salt Intake During Converting Enzyme Inhibitor Treatment Compared With Addition of a Thiazide, 1042
Salt-Induced Increases in Systolic Blood Pressure Affect Renal Hemodynamics and Proteinuria, 1339

Hypertension, sodium-sensitive (see Hypertension, sodium-dependent)

Hypertension, spontaneous
Analysis of the Role of Angiotensinogen in Spontaneous Hypertension, 1245
Wistar Fatty Rat Is Obese and Spontaneously Hypertensive, 146

Hypertrophy
Cardiac Glucose and Fatty Acid Oxidation in the Streptozotocin-Induced Diabetic Spontaneously Hypertensive Rat, 235
Cardiovascular Development After Enalapril in Spontaneously Hypertensive and Wistar-Kyoto Rats, 610
Deoxycorticosterone Acetate Plus Salt Induces Overexpression of Vascular Endothelin-1 and Severe Vascular Hypertrophy in Spontaneously Hypertensive Rats, 769
Effect of Chronic Treatment of Adult Spontaneously Hypertensive Rats With an Endothelin Receptor Antagonist, 495
Enalapril Does Not Prevent Renal Arterial Hypertrophy in Spontaneously Hypertensive Rats, 335
Hypertrophy and Hyperplasia of Smooth Muscle Cells of Small Intramyocardial Arteries in Spontaneously Hypertensive Rats, 124

Hypertrophy, left ventricular
Blockade of the Renin-Angiotensin System in Cardiac Pressure-Overload Hypertrophy in Rats, 250
Common Carotid Artery Stiffness and Patterns of Left Ventricular Hypertrophy in Hypertensive Patients, 651
Gender Differences and the Electrocardiogram in Left Ventricular Hypertrophy, 242
Ramipril-Induced Regression of Left Ventricular Hypertrophy in Treated Hypertensive Individuals, 92

Hypothalamus
Acute Hypertension Increases Norepinephrine Release in the Anterior Hypothalamic Area, 828

Hypothesis
Detection and Positional Cloning of Blood Pressure Quantitative Trait Loci: Is It Possible?: Identifying the Genes for Genetic Hypertension, 1121

I

Immunoenzyme techniques
Association Between the Natriuretic Action of Angiotensin-(1-7) and Selective Stimulation of Renal Prostaglandin I_2 Release, 1238

Immunoglobulins, Fab
Brain 'Ouabain' and Desensitization of Arterial Baroreflex by High Sodium in Dahl Salt-Sensitive Rats, 372

Immunohistochemistry
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333
Nitroxidergic Innervation in Dog and Monkey Renal Arteries, 1090

In Memoriam
Antoon K.P.C. Amery: 1933-1994, 153
Carlos Maria Taquini: 1938-1994, 463
Professor Paul Milliez: 1912-1994, 1119

In situ hybridization
Differential Regulation of Angiotensin II Receptor Subtypes in Rat Kidney by Low Dietary Sodium, 872
Endogenous Human Renin Expression and Promoter Activity in CALU-6, a Pulmonary Carcinoma Cell Line, 704

Indapamide
Carotid Artery Mechanical Properties of Dahl Salt-Sensitive Rats, 272

Indomethacin
Association Between the Natriuretic Action of Angiotensin-(1-7) and Selective Stimulation of Renal Prostaglandin I_2 Release, 1238
Role of Bradykinin in Insulin Sensitivity and Blood Pressure Regulation During Hyperinsulinemia, 1003

Inhibitor (see Neural inhibition)

Inositol 1,4,5-trisphosphate
Rapid Effects of Aldosterone on Sodium Transport in Vascular Smooth Muscle Cells, 117

Insulin
Albuminuria in Association With Insulin and Sodium-Lithium Countertransport in Young African Americans With Borderline Hypertension, 1315
Hemodynamic and Renal Responses to Chronic Hyperinsulinemia in Obese, Insulin-Resistant Dogs, 994
Insulin and Forearm Vasodilation in Hypertension-Prone Men, 214
Insulin Attenuates Norepinephrine-Induced Venoconstriction: An Ultrasonographic Study, 779
Microalbuminuria and Erythrocyte Sodium-Hydrogen Exchange in Essential Hypertension, 981
Role of Bradykinin in Insulin Sensitivity and Blood Pressure Regulation During Hyperinsulinemia, 1003

Insulin resistance
Insulin and Forearm Vasodilation in Hypertension-Prone Men, 214
Relationships Among Plasma Aldosterone, High-Density Lipoprotein Cholesterol, and Insulin in Humans, 30
Wistar Fatty Rat Is Obese and Spontaneously Hypertensive, 146

Interferon type II (see Interferons)

Interferons
Cyclosporin A Inhibits Nitric Oxide Synthase Induction in Vascular Smooth Muscle Cells, 764

Interleukin-1 (see Interleukins)

Interleukins
cGMP Upregulates Nitric Oxide Synthase Expression in Vascular Smooth Muscle Cells, 711
Cyclosporin A Inhibits Nitric Oxide Synthase Induction in Vascular Smooth Muscle Cells, 764
Effects of Interleukin-1β and Nitric Oxide on Cardiac Myocytes, 421

Ion transport
Microalbuminuria and Erythrocyte Sodium-Hydrogen Exchange in Essential Hypertension, 981
Rapid Effects of Aldosterone on Sodium Transport in Vascular Smooth Muscle Cells, 117

Isoproterenol
Tachyphylaxis of Human Forearm Vascular Responses Does Not Occur Rapidly After Exposure to Isoproterenol, 1294

J

Job adaptation, psychological (see Adaptation, psychological)

Juxtaglomerular cells
Role of Endogenous Endothelins in the Renin System of Normal and Two-Kidney, One Clip Rats, 1025

K

Kallikrein
Brain Kallikrein-Kinin System Abnormalities in Spontaneously Hypertensive Rats, 524
Effect of Inhibiting Renal Kallikrein on Prostaglandin E_2, Water, and Sodium Excretion, 1008
Muscle Delivery of Human Kallikrein Gene Reduces Blood Pressure in Hypertensive Rats, 715

Kallikrein-kinin system
Brain Kallikrein-Kinin System Abnormalities in Spontaneously Hypertensive Rats, 524
Early Blockade of Bradykinin B_2-Receptors Alters the Adult Cardiovascular Phenotype in Rats, 453
Effect of Inhibiting Renal Kallikrein on Prostaglandin E_2, Water, and Sodium Excretion, 1008
Effects of Kinin Blockade on the Blood Pressure of Salt-Loaded Pregnant Rats, 823

Kidney
α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224
Analysis of Renal Sympathetic Nerve Responses to Stress, 531
Association Between the Natriuretic Action of Angiotensin-(1-7) and Selective Stimulation of Renal Prostaglandin I_2 Release, 1238
Early Blockade of Bradykinin B_2-Receptors Alters the Adult Cardiovascular Phenotype in Rats, 453
Enalapril Does Not Prevent Renal Arterial Hypertrophy in Spontaneously Hypertensive Rats, 335
Hemodynamic and Renal Responses to Chronic Hyperinsulinemia in Obese, Insulin-Resistant Dogs, 994
Increased Hyaluronic Acid in the Inner Renal Medulla of Obese Dogs, 888
Intrarenal Angiotensin II Formation in Humans: Evidence From Renin Inhibition, 935
Pulmonary and Renal Neutral Endopeptidase EC 3.4.24.11 in Rats With Experimental Heart Failure, 1178
Regulation of Endothelial Constitutive Nitric Oxide Synthase by Protein Kinase C, 415
Renal Denervation Attenuates the Sodium Retention and Hypertension Associated With Obesity, 893
Renal Interstitial Fluid Angiotensin: Modulation by Anesthesia, Epinephrine, Sodium Depletion, and Renin Inhibition, 1021
Renal Sympathetic Nerve Activity Is Increased in Obese Zucker Rats, 834
Role of Nitric Oxide on Papillary Blood Flow and Pressure Natriuresis, 408
Salt-Induced Increases in Systolic Blood Pressure Affect Renal Hemodynamics and Proteinuria, 1339

Kidney failure
Early Predictors of 15-Year End-Stage Renal Disease in Hypertensive Patients, 587
Renal Afferent Denervation Prevents Hypertension in Rats With Chronic Renal Failure, 878

Kidney failure, chronic (see Kidney failure)

Kidney function
Effect of Inhibiting Renal Kallikrein on Prostaglandin E_2, Water, and Sodium Excretion, 1008
Renal Nerves, Renin, and Angiotensinogen Gene Expression in Spontaneously Hypertensive Rats, 581

Kidney medulla
Regulation of Endothelial Constitutive Nitric Oxide Synthase by Protein Kinase C, 415
Role of Nitric Oxide on Papillary Blood Flow and Pressure Natriuresis, 408
The Renal Medulla and Hypertension, 663

Kidney transplantation
Hypertension After Renal Transplantation: Calcium Channel or Converting Enzyme Blockade? 77
Kininase II (see Angiotensin-converting enzyme)

L

L-NAME
Role of Bradykinin in Insulin Sensitivity and Blood Pressure Regulation During Hyperinsulinemia, 1003
Laser-Doppler flowmetry
Lisinopril Improves Aortic Compliance and Renal Flow: Comparison With Nifedipine, 327
Regulation of Endothelial Constitutive Nitric Oxide Synthase by Protein Kinase C, 415
Role of Nitric Oxide on Papillary Blood Flow and Pressure Natriuresis, 408
The Renal Medulla and Hypertension, 663
Lead
Lead Increases Aldosterone Production by Rat Adrenal Cells, 785
Letters to the editor
Ambulatory Blood Pressure, 1116
Ambulatory Blood Pressure Measurement and Insulin Resistance, 461
Genetic Contamination of Inbred Dahl Rats From Harlan Sprague Dawley, 660
Hypertensive Microalbuminuria, 151
Mouse Model Workshop, 302
Poisons and Regulators of the Sodium Pump, 460
Ligation
Cerebral ATP-Sensitive Potassium Channels During Acute Reduction of Carotid Blood Flow, 1069
Lipids
Microalbuminuria and Erythrocyte Sodium-Hydrogen Exchange in Essential Hypertension, 981
Lipoproteins
Low-Density Lipoprotein Induces Vascular Adhesion Molecule Expression on Human Endothelial Cells, 511
Lipoproteins, LDL (see Lipoproteins)
Lithium
Sodium-Lithium Countertransport Has Low Affinity for Sodium in Hyperinsulinemic Hypertensive Subjects, 986
Losartan
A Randomized, Placebo-Controlled, Double-Blind, Parallel Study of Various Doses of Losartan Potassium Compared With Enalapril Maleate in Patients With Essential Hypertension, 1345
Angiotensin-(1-7) and Nitric Oxide Interaction in Renovascular Hypertension, 796
Biochemical Effects of Losartan, a Nonpeptide Angiotensin II Receptor Antagonist, on the Renin-Angiotensin-Aldosterone System in Hypertensive Patients, 37
Effect of Angiotensin II Blockade on the Fibroproliferative Response to Phenylephrine in the Rat Heart, 809
Effect of EXP 3174 on Blood Pressure of Normoreninemic Renal Hypertensive Rats, 283
Enhanced Slow Pressor Effect of Angiotensin II in Two-Kidney, One Clip Rats, 288
Modulation of Tubuloglomerular Feedback by Angiotensin II Type 1 Receptors During the Development of Goldblatt Hypertension, 1232
Proposed Update of Angiotensin Receptor Nomenclature, 924
Luciferase
Characterization and Functional Analysis of the Rat Endothelin-1 Promoter, 683
Lung
Endogenous Human Renin Expression and Promoter Activity in CALU-6, a Pulmonary Carcinoma Cell Line, 704
Pulmonary and Renal Neutral Endopeptidase EC 3.4.24.11 in Rats With Experimental Heart Failure, 1178
Lymphocytes
Enhanced Na^+-H^+ Exchanger Activity and NHE-1 mRNA Expression in Lymphocytes From Patients With Essential Hypertension, 356
Racial Differences in Epinephrine and β_2-Adrenergic Receptors, 88

M

Macrophages
Cellular Distribution of Angiotensin-Converting Enzyme After Myocardial Infarction, 219
Monocyte Infiltration and c-*fms* Expression in Hearts of Spontaneously Hypertensive Rats, 132
Mass spectrometry (see Spectrum analysis)
Mechanoreceptors
Pressure Enhances Endothelin-1 Release From Cultured Human Endothelial Cells, 449
Membrane metallo-endopeptidase
Pulmonary and Renal Neutral Endopeptidase EC 3.4.24.11 in Rats With Experimental Heart Failure, 1178
Menopause
Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17β-Estradiol and Norethisterone Acetate: A Two-Year Follow-up Study, 848
Mesangial cells (see Glomerular mesangium)
Mesenteric arteries
Deoxycorticosterone Acetate Plus Salt Induces Overexpression of Vascular Endothelin-1 and Severe Vascular Hypertrophy in Spontaneously Hypertensive Rats, 769
Different Flow Regulation Mechanisms Between Celiac and Mesenteric Vascular Beds in Conscious Rats, 260
Production of Aldosterone in Isolated Rat Blood Vessels, 170
Sustained Hypertension in Dahl Rats: Negative Correlation of Agonist Response to Blood Pressure, 139
Metabolism
Cardiac Glucose and Fatty Acid Oxidation in the Streptozotocin-Induced Diabetic Spontaneously Hypertensive Rat, 235
Impaired Maze Learning and Cerebral Glucose Utilization in Aged Hypertensive Rats, 545
Mice
A Noninvasive Computerized Tail-Cuff System for Measuring Blood Pressure in Mice, 1111
Mice, transgenic
Endogenous Human Renin Expression and Promoter Activity in CALU-6, a Pulmonary Carcinoma Cell Line, 704
Microcirculation
Nitric Oxide Modulates but Does Not Impair Myogenic Vasoconstriction of the Afferent Arteriole in Spontaneously Hypertensive Rats: Studies in the Isolated Perfused Hydronephrotic Kidney, 1212
Oscillatory Potentials of the Electroretinogram in Hypertensive Patients, 839
Mineralocorticoids
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333
Models, statistical
Modeling Hemodynamic Profiles by Telemetry in the Rat: A Study With A_1 and A_{2a} Adenosine Agonists, 564
Monitoring, physiologic
Feasibility Study of N-of-1 Trials With Blood Pressure Self-Monitoring in Hypertension, 294
Monocytes
Monocyte Infiltration and c-*fms* Expression in Hearts of Spontaneously Hypertensive Rats, 132
Mortality
Antihypertensive Therapy in Dyslipidemic Men: Effects on Coronary Heart Disease Incidence and Total Mortality, 47
Muscle, cardiac (see Muscle, smooth)
Muscle, skeletal
Shear Stress–Induced Dilation Is Attenuated in Skeletal Muscle Arterioles of Hypertensive Rats, 758
Muscle, smooth
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Effects of Interleukin-1β and Nitric Oxide on Cardiac Myocytes, 421

Hypertrophy and Hyperplasia of Smooth Muscle Cells of Small Intramyocardial Arteries in Spontaneously Hypertensive Rats, 124
Regional Heterogeneity of Arterial Structural Changes, 464
Muscle, smooth, vascular
Calcium- and Protein Kinase C–Dependent Basal Tone in the Aorta of Hypertensive Rats, 752
cGMP Upregulates Nitric Oxide Synthase Expression in Vascular Smooth Muscle Cells, 711
Endothelin-1 Enhances Nitric Oxide–Induced Cytotoxicity in Vascular Smooth Muscle, 744
Glucocorticoids Induce Angiotensin-Converting Enzyme Expression in Vascular Smooth Muscle, 343
Hypertension and the Pathogenesis of Atherosclerosis: Oxidative Stress and the Mediation of Arterial Inflammatory Response: A New Perspective, 155
Influence of Endothelium on Cultured Vascular Smooth Muscle Cell Proliferation, 748
Inhibition of Endothelin Production by Adrenomedullin in Vascular Smooth Muscle Cells, 1185
Myofilament Calcium Sensitivity of Normotensive and Hypertensive Resistance Arteries, 110
pH_i, $[Ca^{2+}]_i$, and Myosin Phosphorylation in Histamine- and NH_4^+-Induced Swine Carotid Artery Contraction, 482
Rapid Effects of Aldosterone on Sodium Transport in Vascular Smooth Muscle Cells, 117
Muscles
Effects of Different Training Intensities on the Cardiopulmonary Baroreflex Control of Forearm Vascular Resistance in Hypertensive Subjects, 391
Mutation
Mutational Inactivation of the Catalytic Domain of Guanylate Cyclase-A Receptor, 694
Myocardial diseases
Cardiac Glucose and Fatty Acid Oxidation in the Streptozotocin-Induced Diabetic Spontaneously Hypertensive Rat, 235
Myocardial infarction
An Unexpected Result For Sodium— Causal Or Casual? 1153
Cellular Distribution of Angiotensin-Converting Enzyme After Myocardial Infarction, 219
Enhanced Predictability of Myocardial Infarction in Japanese by Combined Genotype Analysis, 950
Low Urinary Sodium Is Associated With Greater Risk of Myocardial Infarction Among Treated Hypertensive Men, 1144
Myogenic response
Different Flow Regulation Mechanisms Between Celiac and Mesenteric Vascular Beds in Conscious Rats, 260

N

Na^+-H^+ exchanger (see Sodium-hydrogen antiporter)
Na^+,K^+-exchanging ATPase
Modulation of the Ca^{2+} Pump by the Hypothalamic-Hypophysary Inhibitory Factor, 365
Natriuresis
Association Between the Natriuretic Action of Angiotensin-(1-7) and Selective Stimulation of Renal Prostaglandin I_2 Release, 1238
Effect of Renal Perfusion Pressure on Renal Interstitial Hydrostatic Pressure and Sodium Excretion: Role of Vasopressin V_1 and V_2 Receptors, 866
Endothelin Antagonists Improve Renal Function in Spontaneously Hypertensive Rats, 883
Natriuretic Response to Neutral Endopeptidase Inhibition Is Blunted by Enalapril in Healthy Men, 637
Pulmonary and Renal Neutral Endopeptidase EC 3.4.24.11 in Rats With Experimental Heart Failure, 1178
Relation Between Pressure Natriuresis and Urinary Excretion of Nitrate/Nitrite in Anesthetized Dogs, 860
Short-term and Sustained Renal Effects of Angiotensin II Receptor Blockade in Healthy Subjects, 602
Natriuretic peptides
Cardiovascular Effects of Brain Natriuretic Peptide in Essential Hypertension, 1053
Effects of Interleukin-1β and Nitric Oxide on Cardiac Myocytes, 421
Natriuretic Peptides Inhibit DNA Synthesis in Cardiac Fibroblasts, 227
Nephrosclerosis
Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207
Nervous system
Effects of Bromocriptine on Cardiovascular Regulation in Healthy Humans, 1075
Nitroxidergic Innervation in Dog and Monkey Renal Arteries, 1090
Regional Heterogeneity of Arterial Structural Changes, 464
Neural inhibition
Modulation of the Ca^{2+} Pump by the Hypothalamic-Hypophysary Inhibitory Factor, 365
Neuropeptides
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333
NHANES
Antisense Inhibition of Hypertension in the Spontaneously Hypertensive Rat, 314
Prevalence of Hypertension in the US Adult Population: Results From the Third National Health and Nutrition Examination Survey, 1988-1991, 305
NHE-1 isoform
Enhanced Na^+-H^+ Exchanger Activity and NHE-1 mRNA Expression in Lymphocytes From Patients With Essential Hypertension, 356
Nifedipine
Lisinopril Improves Aortic Compliance and Renal Flow: Comparison With Nifedipine, 327
Nitric oxide
Angiotensin-(1-7) and Nitric Oxide Interaction in Renovascular Hypertension, 796
Calcium- and Protein Kinase C–Dependent Basal Tone in the Aorta of Hypertensive Rats, 752
cGMP Upregulates Nitric Oxide Synthase Expression in Vascular Smooth Muscle Cells, 711
Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17β-Estradiol and Norethisterone Acetate: A Two-Year Follow-up Study, 848
Comparison of Effects of Angiotensin I–Converting Enzyme Inhibition and β-Blockade for 2 Years on Function of Small Arteries From Hypertensive Patients, 699
Cyclosporin A Inhibits Nitric Oxide Synthase Induction in Vascular Smooth Muscle Cells, 764
Dietary Sodium Intake Modulates Vasodilation Mediated by Nitroprusside But Not by Methacholine in the Human Forearm, 1220
Different Mechanisms of Endothelial Dysfunction With Aging and Hypertension in Rat Aorta, 194
Effects of Interleukin-1β and Nitric Oxide on Cardiac Myocytes, 421
Effects of L-Arginine Infusion on Renal Hemodynamics in Patients With Mild Essential Hypertension, 898
Endothelin-1 Enhances Nitric Oxide–Induced Cytotoxicity in Vascular Smooth Muscle, 744
Endothelium-Derived Constricting Factor in Renovascular Hypertension, 803
Gender Difference in Endothelial Dysfunction in the Aorta of Spontaneously Hypertensive Rats, 517
Inhibition of Endothelial Nitric Oxide Synthase Activity by Protein Kinase C, 180
Mechanisms of Adrenomedullin-Induced Vasodilation in the Rat Kidney, 790
Nitric Oxide and Its Putative Role in Hypertension, 1202
Nitric Oxide Modulates but Does Not Impair Myogenic Vasoconstriction of the Afferent Arteriole in Spontaneously Hypertensive Rats: Studies in the Isolated Perfused Hydronephrotic Kidney, 1212

Nitric Oxide Synthesis Inhibition Blocks Reversal of Two-Kidney, One Clip Renovascular Hypertension After Unclipping, 174
Nitroxidergic Innervation in Dog and Monkey Renal Arteries, 1090
Pressure Enhances Endothelin-1 Release From Cultured Human Endothelial Cells, 449
Regulation of Endothelial Constitutive Nitric Oxide Synthase by Protein Kinase C, 415
Regulation of Neuronal Nitric Oxide Synthase in Rat Adrenal Medulla, 431
Relation Between Pressure Natriuresis and Urinary Excretion of Nitrate/Nitrite in Anesthetized Dogs, 860
Renal Effects of Acute Amino Acid Infusion in Hypertension Induced by Chronic Nitric Oxide Blockade, 61
Role of Bradykinin in Insulin Sensitivity and Blood Pressure Regulation During Hyperinsulinemia, 1003
Role of Nitric Oxide in the Regulation of Coronary Vascular Tone in Hearts From Hypertensive Rats: Maintenance of Nitric Oxide–Forming Capacity and Increased Basal Production of Nitric Oxide, 186
Role of Nitric Oxide on Papillary Blood Flow and Pressure Natriuresis, 408
Shear Stress–Induced Dilation Is Attenuated in Skeletal Muscle Arterioles of Hypertensive Rats, 758

Nitro compounds
Enhanced Responses of the Basilar Artery to Activation of Endothelin-B Receptors in Stroke-Prone Spontaneously Hypertensive Rats, 490
Nitric Oxide and Its Putative Role in Hypertension, 1202
Relaxation of the Aorta During Hypoxia Is Impaired in Chronically Hypertensive Rats, 735

Nomenclature
Proposed Update of Angiotensin Receptor Nomenclature, 924

Norepinephrine
α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224
Angiotensin II and Sympathetic Activity in Sodium-Restricted Essential Hypertension, 595
Effect of Circulating Epinephrine on Platelet Function and Hematocrit, 1096
Effects of Different Training Intensities on the Cardiopulmonary Baroreflex Control of Forearm Vascular Resistance in Hypertensive Subjects, 391
Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22
Hypertension Induced by Chronic Renal Adrenergic Stimulation Is Angiotensin Dependent, 940
Insulin Attenuates Norepinephrine-Induced Venoconstriction: An Ultrasonographic Study, 779
Sustained Hypertension in Dahl Rats: Negative Correlation of Agonist Response to Blood Pressure, 139
Tachyphylaxis of Human Forearm Vascular Responses Does Not Occur Rapidly After Exposure to Isoproterenol, 1294

Norethindrone
Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17β-Estradiol and Norethisterone Acetate: A Two-Year Follow-up Study, 848

Nucleotides, cyclic
Natriuretic Peptides Inhibit DNA Synthesis in Cardiac Fibroblasts, 227

O

Obesity
Hemodynamic and Renal Responses to Chronic Hyperinsulinemia in Obese, Insulin-Resistant Dogs, 994
Increased Hyaluronic Acid in the Inner Renal Medulla of Obese Dogs, 888
Renal Denervation Attenuates the Sodium Retention and Hypertension Associated With Obesity, 893
Renal Sympathetic Nerve Activity Is Increased in Obese Zucker Rats, 834
Sympathetic Activation in Obese Normotensive Subjects, 560
Wistar Fatty Rat Is Obese and Spontaneously Hypertensive, 146

Oncogenes
Monocyte Infiltration and *c-fms* Expression in Hearts of Spontaneously Hypertensive Rats, 132

Ouabain
Brain 'Ouabain' and Desensitization of Arterial Baroreflex by High Sodium in Dahl Salt-Sensitive Rats, 372
Brain 'Ouabain,' Sodium, and Arterial Baroreflex in Spontaneously Hypertensive Rats, 814
Increased Calcium Stores in Platelets From African Americans, 377

P

Pain measurement
Twenty-Four–Hour Noninvasive Blood Pressure Monitoring and Pain Perception, 1301

Pain threshold
Twenty-Four–Hour Noninvasive Blood Pressure Monitoring and Pain Perception, 1301

Parasympathetic nervous system
Spectral Analysis of Blood Pressure Variability in Heart Transplant Patients, 643

Parathyroid hormones
Increased Calcium Stores in Platelets From African Americans, 377

Peptides, atrial natriuretic (see Atrial natriuretic peptides)

Periaqueductal gray
Endothelin-1 in Rat Periaqueductal Gray Area Induces Hypertension Via Glutamatergic Receptors, 507

Pertussis toxins
Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954
Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962

Phenotype
Early Blockade of Bradykinin B_2-Receptors Alters the Adult Cardiovascular Phenotype in Rats, 453
Na^+-H^+ Exchange and Essential Hypertension: A New Approach, 978

Phenylephrine
Fatty Acids Enhance Vascular α-Adrenergic Sensitivity, 774

Pheochromocytoma
Blood Pressure Response to the Valsalva Maneuver in Pheochromocytoma and Pseudopheochromocytoma, 266

Phospholipids
Identification of Arachidonate P-450 Metabolites in Human Platelet Phospholipids, 854

Phosphorylation
Na^+-H^+ Antiporter Phenotype, Abundance, and Phosphorylation of Immortalized Lymphoblasts From Humans With Hypertension, 971
Na^+-H^+ Exchange and Essential Hypertension: A New Approach, 978
pH_i, $[Ca^{2+}]_i$, and Myosin Phosphorylation in Histamine- and NH_4^+-Induced Swine Carotid Artery Contraction, 482

Platelet aggregation
Effect of Circulating Epinephrine on Platelet Function and Hematocrit, 1096

Platelets (see Blood platelets)

Plethysmography
Measuring Forearm Blood Flow and Interpreting the Responses to Drugs and Mediators, 918

Polymorphism (genetics)
Association of the α-Adducin Locus With Essential Hypertension, 320

Posture
Effects of Head-Down Tilt on Atrial Natriuretic Peptide and the Renin System in Pregnancy, 1161

Potassium
Locally Generated Angiotensin II in the Adrenal Gland Regulates Basal, Corticotropin-, and Potassium-Stimulated Aldosterone Secretion, 443
Potassium Negatively Regulates Angiotensin II Type 1 Receptor Expression in Human Adrenocortical H295R Cells, 1129

Sustained Hypertension in Dahl Rats: Negative Correlation of Agonist Response to Blood Pressure, 139
Potassium channels
Cerebral ATP-Sensitive Potassium Channels During Acute Reduction of Carotid Blood Flow, 1069
Relaxation of the Aorta During Hypoxia Is Impaired in Chronically Hypertensive Rats, 735
Prazosin
Blood Pressure Response to the Valsalva Maneuver in Pheochromocytoma and Pseudopheochromocytoma, 266
Preeclampsia
11β-Hydroxysteroid Dehydrogenase and Its Inhibitors in Hypertensive Pregnancy, 626
Effects of Head-Down Tilt on Atrial Natriuretic Peptide and the Renin System in Pregnancy, 1161
Pregnancy
11β-Hydroxysteroid Dehydrogenase and Its Inhibitors in Hypertensive Pregnancy, 626
Atrial Natriuretic Peptide and Hemodynamic Changes During Normal Human Pregnancy, 631
Effects of Head-Down Tilt on Atrial Natriuretic Peptide and the Renin System in Pregnancy, 1161
Pressoreceptors
Brain 'Ouabain' and Desensitization of Arterial Baroreflex by High Sodium in Dahl Salt-Sensitive Rats, 372
Brain 'Ouabain,' Sodium, and Arterial Baroreflex in Spontaneously Hypertensive Rats, 814
Effects of Bromocriptine on Cardiovascular Regulation in Healthy Humans, 1075
Influence of Atrial Natriuretic Factor on Spontaneous Baroreflex Sensitivity for Heart Rate in Humans, 1167
Spontaneous Cardiac Baroreflex in Humans: Comparison With Drug-Induced Responses, 1058
Pressure
Pressure Enhances Endothelin-1 Release From Cultured Human Endothelial Cells, 449
Pressure natriuresis (see Natriuresis)
Prevalence
Antisense Inhibition of Hypertension in the Spontaneously Hypertensive Rat, 314
Increased Prevalence of Hypertension and Long-term Arsenic Exposure, 53
Prevalence of Hypertension in the US Adult Population: Results From the Third National Health and Nutrition Examination Survey, 1988-1991, 305
Primates
Nitroxidergic Innervation in Dog and Monkey Renal Arteries, 1090
Progestational hormones
Circulating Nitric Oxide (Nitrite/Nitrate) Levels in Postmenopausal Women Substituted With 17β-Estradiol and Norethisterone Acetate: A Two-Year Follow-up Study, 848
Prognosis
Relation Between Cold Pressor Test and Development of Hypertension Based on 28-Year Follow-up, 71
Promoter regions (genetics)
Transcriptional Regulation of the Mouse Angiotensin II Type 2 Receptor Gene, 720
Propranolol
Blood Pressure Response to the Valsalva Maneuver in Pheochromocytoma and Pseudopheochromocytoma, 266
Spontaneous Cardiac Baroreflex in Humans: Comparison With Drug-Induced Responses, 1058
Prostaglandins
Association Between the Natriuretic Action of Angiotensin-(1-7) and Selective Stimulation of Renal Prostaglandin I_2 Release, 1238
Effect of Inhibiting Renal Kallikrein on Prostaglandin E_2, Water, and Sodium Excretion, 1008
Gender Difference in Endothelial Dysfunction in the Aorta of Spontaneously Hypertensive Rats, 517
Role of Bradykinin in Insulin Sensitivity and Blood Pressure Regulation During Hyperinsulinemia, 1003
Shear Stress–Induced Dilation Is Attenuated in Skeletal Muscle Arterioles of Hypertensive Rats, 758
Protein kinase C
Calcium- and Protein Kinase C–Dependent Basal Tone in the Aorta of Hypertensive Rats, 752
Endothelin Production in Cultured Mesangial Cells of Spontaneously Hypertensive Rats, 1196
Inhibition of Endothelial Nitric Oxide Synthase Activity by Protein Kinase C, 180
Low-Density Lipoprotein Induces Vascular Adhesion Molecule Expression on Human Endothelial Cells, 511
Proteinuria
Decreased Glomerular Basement Membrane Heparan Sulfate Proteoglycan in Essential Hypertension, 399
Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207
Salt-Induced Increases in Systolic Blood Pressure Affect Renal Hemodynamics and Proteinuria, 1339
Proteoglycans
Decreased Glomerular Basement Membrane Heparan Sulfate Proteoglycan in Essential Hypertension, 399
Protons
Na^+-H^+ Antiporter Phenotype, Abundance, and Phosphorylation of Immortalized Lymphoblasts From Humans With Hypertension, 971
Pulse
Sympathectomy and Cardiovascular Spectral Components in Conscious Normotensive Rats, 1287
Punctures
Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207
Purines
α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224

Q

Quinapril
Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207

R

Rabbits
Dissociation Between the Antiatherosclerotic Effect of Trandolapril and Suppression of Serum and Aortic Angiotensin-Converting Enzyme Activity in the Watanabe Heritable Hyperlipidemic Rabbit, 1306
Racial stocks
Racial Differences in Epinephrine and β_2-Adrenergic Receptors, 88
Radioligand assay
Proposed Update of Angiotensin Receptor Nomenclature, 924
Radionuclide imaging
Cardiovascular Effects of Brain Natriuretic Peptide in Essential Hypertension, 1053
Ramipril
Blockade of the Renin-Angiotensin System in Cardiac Pressure-Overload Hypertrophy in Rats, 250
Randomized controlled trials
Feasibility Study of N-of-1 Trials With Blood Pressure Self-Monitoring in Hypertension, 294
Rapid communications
A Heme Oxygenase Product, Presumably Carbon Monoxide, Mediates a Vasodepressor Function in Rats, 166
Angiotensin II Increases Vascular Permeability Factor Gene Expression by Human Vascular Smooth Muscle Cells, 913
Antisense Inhibition of Hypertension in the Spontaneously Hypertensive Rat, 314
Potassium Negatively Regulates Angiotensin II Type 1 Receptor Expression in Human Adrenocortical H295R Cells, 1129
Production of Aldosterone in Isolated Rat Blood Vessels, 170

Resetting Blood Pressure in Spontaneously Hypertensive Rats: The Role of Bradykinin, 162

Rats

Association Between the Natriuretic Action of Angiotensin-(1-7) and Selective Stimulation of Renal Prostaglandin I_2 Release, 1238

Endothelin-1 in Rat Periaqueductal Gray Area Induces Hypertension Via Glutamatergic Receptors, 507

Mapping of G Protein Coupling Sites of the Angiotensin II Type 1 Receptor, 726

Mouse Model Workshop, 302

Production of Aldosterone in Isolated Rat Blood Vessels, 170

Renal Effects of Acute Amino Acid Infusion in Hypertension Induced by Chronic Nitric Oxide Blockade, 61

Resetting Blood Pressure in Spontaneously Hypertensive Rats: The Role of Bradykinin, 162

Rats, Dahl

Brain 'Ouabain' and Desensitization of Arterial Baroreflex by High Sodium in Dahl Salt-Sensitive Rats, 372

Rats, inbred SHR

α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224

Analysis of the Role of Angiotensinogen in Spontaneous Hypertension, 1245

Angiotensin Peptides in Spontaneously Hypertensive and Normotensive Donryu Rats, 928

Antihypertensive Actions of the Novel Nonpeptide Endothelin Receptor Antagonist SB 209670, 818

Attenuated Cardiovascular Response to Adenosine in the Brain Stem Nuclei of Spontaneously Hypertensive Rats, 278

Blood Pressure After Captopril Withdrawal From Spontaneously Hypertensive Rats, 82

Brain Kallikrein-Kinin System Abnormalities in Spontaneously Hypertensive Rats, 524

Brain 'Ouabain,' Sodium, and Arterial Baroreflex in Spontaneously Hypertensive Rats, 814

Cardiovascular Development After Enalapril in Spontaneously Hypertensive and Wistar-Kyoto Rats, 610

Decreased Dihydropyridine Receptor Number in Hypertensive Rat Vascular Muscle Cells, 731

Detection and Positional Cloning of Blood Pressure Quantitative Trait Loci: Is It Possible?: Identifying the Genes for Genetic Hypertension, 1121

Different Flow Regulation Mechanisms Between Celiac and Mesenteric Vascular Beds in Conscious Rats, 260

Enhanced Responses of the Basilar Artery to Activation of Endothelin-B Receptors in Stroke-Prone Spontaneously Hypertensive Rats, 490

Endothelin Production in Cultured Mesangial Cells of Spontaneously Hypertensive Rats, 1196

Evaluation of the SA Locus in Human Hypertension, 6

Gender Difference in Endothelial Dysfunction in the Aorta of Spontaneously Hypertensive Rats, 517

Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207

Hypertrophy and Hyperplasia of Smooth Muscle Cells of Small Intramyocardial Arteries in Spontaneously Hypertensive Rats, 124

Impaired Maze Learning and Cerebral Glucose Utilization in Aged Hypertensive Rats, 545

Modeling Hemodynamic Profiles by Telemetry in the Rat: A Study With A_1 and A_{2a} Adenosine Agonists, 564

Muscle Delivery of Human Kallikrein Gene Reduces Blood Pressure in Hypertensive Rats, 715

Nitric Oxide Modulates but Does Not Impair Myogenic Vasoconstriction of the Afferent Arteriole in Spontaneously Hypertensive Rats: Studies in the Isolated Perfused Hydronephrotic Kidney, 1212

Regulation of Neuronal Nitric Oxide Synthase in Rat Adrenal Medulla, 431

Relaxation of the Aorta During Hypoxia Is Impaired in Chronically Hypertensive Rats, 735

Treatment in Hypertensive Cardiac Hypertrophy, I: Neuropeptide Y and β-Adrenoceptors, 954

Treatment in Hypertensive Cardiac Hypertrophy, II: Postreceptor Events, 962

Rats, inbred strains

Angiotensin Peptides in Spontaneously Hypertensive and Normotensive Donryu Rats, 928

Detection and Positional Cloning of Blood Pressure Quantitative Trait Loci: Is It Possible?: Identifying the Genes for Genetic Hypertension, 1121

Wistar Fatty Rat Is Obese and Spontaneously Hypertensive, 146

Rats, inbred WKY

Acute Hypertension Increases Norepinephrine Release in the Anterior Hypothalamic Area, 828

Antihypertensive Actions of the Novel Nonpeptide Endothelin Receptor Antagonist SB 209670, 818

Attenuated Cardiovascular Response to Adenosine in the Brain Stem Nuclei of Spontaneously Hypertensive Rats, 278

Cardiovascular Development After Enalapril in Spontaneously Hypertensive and Wistar-Kyoto Rats, 610

Endothelin Production in Cultured Mesangial Cells of Spontaneously Hypertensive Rats, 1196

Glomerular Dynamics and Morphology of Aged Spontaneously Hypertensive Rats: Effects of Angiotensin-Converting Enzyme Inhibition, 207

Impaired Maze Learning and Cerebral Glucose Utilization in Aged Hypertensive Rats, 545

Relaxation of the Aorta During Hypoxia Is Impaired in Chronically Hypertensive Rats, 735

Rats, Sprague-Dawley

Modulation of Tubuloglomerular Feedback by Angiotensin II Type 1 Receptors During the Development of Goldblatt Hypertension, 1232

Rats, transgenic

Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014

Differential Gene Expression of Renin and Angiotensinogen in the TGR(mREN-2)27 Transgenic Rat, 570

Rats, Zucker

Renal Sympathetic Nerve Activity Is Increased in Obese Zucker Rats, 834

Receptors, adrenergic

α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224

β-Adrenergic Receptors and Angiotensinogen Gene Expression in Mouse Hepatoma Cells In Vitro, 105

Effect of Angiotensin II Blockade on the Fibroproliferative Response to Phenylephrine in the Rat Heart, 809

Fatty Acids Enhance Vascular α-Adrenergic Sensitivity, 774

Physiological Determinants of Hyperreactivity to Stress in Borderline Hypertension, 384

Racial Differences in Epinephrine and β_2-Adrenergic Receptors, 88

Tachyphylaxis of Human Forearm Vascular Responses Does Not Occur Rapidly After Exposure to Isoproterenol, 1294

Testosterone Regulation of Renal α_{2B}-Adrenergic Receptor mRNA Levels, 350

Receptors, angiotensin

Angiotensin II Induces Cardiac Phenotypic Modulation and Remodeling In Vivo in Rats, 1252

Biochemical Effects of Losartan, a Nonpeptide Angiotensin II Receptor Antagonist, on the Renin-Angiotensin-Aldosterone System in Hypertensive Patients, 37

Blockade of the Renin-Angiotensin System in Cardiac Pressure-Overload Hypertrophy in Rats, 250

Differential Regulation of Angiotensin II Receptor Subtypes in Rat Kidney by Low Dietary Sodium, 872

Expression of Angiotensin-Converting Enzyme in Renovascular Hypertensive Rat Kidney, 674

Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22

Mapping of G Protein Coupling Sites of the Angiotensin II Type 1 Receptor, 726

Modulation of Tubuloglomerular Feedback by Angiotensin II Type 1 Receptors During the Development of Goldblatt Hypertension, 1232
Potassium Negatively Regulates Angiotensin II Type 1 Receptor Expression in Human Adrenocortical H295R Cells, 1129
Proposed Update of Angiotensin Receptor Nomenclature, 924
Short-term and Sustained Renal Effects of Angiotensin II Receptor Blockade in Healthy Subjects, 602
Transcriptional Regulation of the Mouse Angiotensin II Type 2 Receptor Gene, 720

Receptors, atrial natriuretic factor
Mutational Inactivation of the Catalytic Domain of Guanylate Cyclase-A Receptor, 694

Receptors, dopamine
Effects of Bromocriptine on Cardiovascular Regulation in Healthy Humans, 1075

Receptors, endothelin
Antihypertensive Effects of a Novel Endothelin-A Receptor Antagonist in Rats, 1191
Effect of Chronic Treatment of Adult Spontaneously Hypertensive Rats With an Endothelin Receptor Antagonist, 495
Endothelin-1 and Its Receptors A and B in Human Aldosterone-Producing Adenomas, 842
Endothelin-1 Enhances Nitric Oxide–Induced Cytotoxicity in Vascular Smooth Muscle, 744
Endothelin Receptor Subtypes in Small Arteries: Studies With FR139317 and Bosentan, 739
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135
ET_A and ET_B Receptors Mediate Contraction to Endothelin-1 in Renal Artery of Aging SHR: Effects of FR139317 and Bosentan, 501

Receptors, *N*-methyl-D-aspartate
Endothelin-1 in Rat Periaqueductal Gray Area Induces Hypertension Via Glutamatergic Receptors, 507

Receptors, platelet-derived growth factor
Inhibition of Endothelin Production by Adrenomedullin in Vascular Smooth Muscle Cells, 1185

Receptors, purinergic
α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224

Renal artery
ET_A and ET_B Receptors Mediate Contraction to Endothelin-1 in Renal Artery of Aging SHR: Effects of FR139317 and Bosentan, 501
Nitroxidergic Innervation in Dog and Monkey Renal Arteries, 1090

Renal blood flow (see Renal circulation)

Renal circulation
Effect of Renal Perfusion Pressure on Renal Interstitial Hydrostatic Pressure and Sodium Excretion: Role of Vasopressin V_1 and V_2 Receptors, 866
Effectiveness of Enalapril Versus Nifedipine to Antagonize Blood Pressure and the Renal Response to Endothelin in Humans, 620
Effects of L-Arginine Infusion on Renal Hemodynamics in Patients With Mild Essential Hypertension, 898
Endothelin Antagonists Improve Renal Function in Spontaneously Hypertensive Rats, 883
Endothelium-Derived Constricting Factor in Renovascular Hypertension, 803
Intrarenal Angiotensin II Formation in Humans: Evidence From Renin Inhibition, 935
Modulation of Tubuloglomerular Feedback by Angiotensin II Type 1 Receptors During the Development of Goldblatt Hypertension, 1232
Natriuretic Response to Neutral Endopeptidase Inhibition Is Blunted by Enalapril in Healthy Men, 637
Nitric Oxide Modulates but Does Not Impair Myogenic Vasoconstriction of the Afferent Arteriole in Spontaneously Hypertensive Rats: Studies in the Isolated Perfused Hydronephrotic Kidney, 1212
Nitric Oxide Synthesis Inhibition Blocks Reversal of Two-Kidney, One Clip Renovascular Hypertension After Unclipping, 174
Regulation of Endothelial Constitutive Nitric Oxide Synthase by Protein Kinase C, 415
Relation Between Pressure Natriuresis and Urinary Excretion of Nitrate/Nitrite in Anesthetized Dogs, 860
Role of Nitric Oxide on Papillary Blood Flow and Pressure Natriuresis, 408
Short-term and Sustained Renal Effects of Angiotensin II Receptor Blockade in Healthy Subjects, 602

Renal hemodynamics (see Renal circulation)

Renal microcirculation (See Microcirculation)

Renal nerves (see Sympathetic nervous system)

Renin
Angiotensin Peptides in Spontaneously Hypertensive and Normotensive Donryu Rats, 928
Characterization of the Angiotensin II Receptor Antagonist TCV-116 in Healthy Volunteers, 14
Effect of EXP 3174 on Blood Pressure of Normoreninemic Renal Hypertensive Rats, 283
Effects of Head-Down Tilt on Atrial Natriuretic Peptide and the Renin System in Pregnancy, 1161
Enhanced Slow Pressor Effect of Angiotensin II in Two-Kidney, One Clip Rats, 288
Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22
Influence of Intracellular Renin on Heart Cell Communication, 1172
Locally Generated Angiotensin II in the Adrenal Gland Regulates Basal, Corticotropin-, and Potassium-Stimulated Aldosterone Secretion, 443
Low Urinary Sodium Is Associated With Greater Risk of Myocardial Infarction Among Treated Hypertensive Men, 1144
Opposing Actions of Angiotensin-(1-7) and Angiotensin II in the Brain of Transgenic Hypertensive Rats, 1260
Reduction of Salt Intake During Converting Enzyme Inhibitor Treatment Compared With Addition of a Thiazide, 1042
Renal Interstitial Fluid Angiotensin: Modulation by Anesthesia, Epinephrine, Sodium Depletion, and Renin Inhibition, 1021
Renal Nerves, Renin, and Angiotensinogen Gene Expression in Spontaneously Hypertensive Rats, 581
Role of Endogenous Endothelins in the Renin System of Normal and Two-Kidney, One Clip Rats, 1025

Renin-angiotensin system
Analysis of the Role of Angiotensinogen in Spontaneous Hypertension, 1245
Angiotensin and Bradykinin Peptides in the TGR(mRen-2)27 Rat, 1014
Biochemical Effects of Losartan, a Nonpeptide Angiotensin II Receptor Antagonist, on the Renin-Angiotensin-Aldosterone System in Hypertensive Patients, 37
Blockade of the Renin-Angiotensin System in Cardiac Pressure-Overload Hypertrophy in Rats, 250
Cardiovascular Changes by Long-term Inhibition of the Renin-Angiotensin System in Aging, 437
Differential Gene Expression of Renin and Angiotensinogen in the TGR(mREN-2)27 Transgenic Rat, 570
Hypertension Induced by Chronic Renal Adrenergic Stimulation Is Angiotensin Dependent, 940
Intrarenal Angiotensin II Formation in Humans: Evidence From Renin Inhibition, 935
Opposing Actions of Angiotensin-(1-7) and Angiotensin II in the Brain of Transgenic Hypertensive Rats, 1260
Proposed Update of Angiotensin Receptor Nomenclature, 924

Reserpine
Regulation of Neuronal Nitric Oxide Synthase in Rat Adrenal Medulla, 431

Resetting
Nitric Oxide Modulates but Does Not Impair Myogenic Vasoconstriction of the Afferent Arteriole in Spontaneously Hypertensive Rats: Studies in the Isolated Perfused Hydronephrotic Kidney, 1212

Resistance vessels
Effect of Antihypertensive Treatment on Small Arteries of Patients With Previously Untreated Essential Hypertension, 474
Retina
Oscillatory Potentials of the Electroretinogram in Hypertensive Patients, 839
Retinopathy
Hypertensive Retinopathy in Afro-Caribbeans and Europeans: Prevalence and Risk Factor Relationships, 1322
RNA
Enhanced Neuronal Expression of Calcitonin Gene–Related Peptide in Mineralocorticoid-Salt Hypertension, 1333
RNA, messenger
Endothelin: Potential Role in Hypertension and Vascular Hypertrophy, 1135
Expression of Angiotensin-Converting Enzyme in Renovascular Hypertensive Rat Kidney, 674
Identification of Vasopressin mRNA in Rat Aorta, 1030
Renal Nerves, Renin, and Angiotensinogen Gene Expression in Spontaneously Hypertensive Rats, 581
Testosterone Regulation of Renal α_{2B}-Adrenergic Receptor mRNA Levels, 350
There's Good News and Not So Good News, 303

S

Salt (see Sodium)
Saralasin
Angiotensin II and Sympathetic Activity in Sodium-Restricted Essential Hypertension, 595
Sarcolemma
Decreased Dihydropyridine Receptor Number in Hypertensive Rat Vascular Muscle Cells, 731
Sclerosis
Cardiovascular Changes by Long-term Inhibition of the Renin-Angiotensin System in Aging, 437
Self care
Feasibility Study of N-of-1 Trials With Blood Pressure Self-Monitoring in Hypertension, 294
Sequence analysis
Spectral Analysis of Blood Pressure and Heart Rate Variability in Evaluating Cardiovascular Regulation: A Critical Appraisal, 1276
Sex
Gender Differences and the Electrocardiogram in Left Ventricular Hypertrophy, 242
Job Status and High-Effort Coping Influence Work Blood Pressure in Women and Blacks, 554
Sex hormones
Gender Difference in Endothelial Dysfunction in the Aorta of Spontaneously Hypertensive Rats, 517
Sibling relations
Evaluation of the SA Locus in Human Hypertension, 6
Signal transduction
Mapping of G Protein Coupling Sites of the Angiotensin II Type 1 Receptor, 726
Smooth muscle (see Muscle, smooth)
Sodium
Acute Hypertension Increases Norepinephrine Release in the Anterior Hypothalamic Area, 828
Albuminuria in Association With Insulin and Sodium-Lithium Countertransport in Young African Americans With Borderline Hypertension, 1315
An Unexpected Result For Sodium— Causal Or Casual? 1153
Brain 'Ouabain,' Sodium, and Arterial Baroreflex in Spontaneously Hypertensive Rats, 814
Carotid Artery Mechanical Properties of Dahl Salt-Sensitive Rats, 272
Dietary Sodium Intake Modulates Vasodilation Mediated by Nitroprusside But Not by Methacholine in the Human Forearm, 1220
Effect of Inhibiting Renal Kallikrein on Prostaglandin E_2, Water, and Sodium Excretion, 1008
Intrarenal Angiotensin II Formation in Humans: Evidence From Renin Inhibition, 935
Low Urinary Sodium Is Associated With Greater Risk of Myocardial Infarction Among Treated Hypertensive Men, 1144
Renal Denervation Attenuates the Sodium Retention and Hypertension Associated With Obesity, 893
Salt-Induced Increases in Systolic Blood Pressure Affect Renal Hemodynamics and Proteinuria, 1339
Sodium-Lithium Countertransport Has Low Affinity for Sodium in Hyperinsulinemic Hypertensive Subjects, 986
Sodium channels
Na^+-H^+ Antiporter Phenotype, Abundance, and Phosphorylation of Immortalized Lymphoblasts From Humans With Hypertension, 971
Rapid Effects of Aldosterone on Sodium Transport in Vascular Smooth Muscle Cells, 117
Sodium-Lithium Countertransport Has Low Affinity for Sodium in Hyperinsulinemic Hypertensive Subjects, 986
Sodium-hydrogen antiporter
Enhanced Na^+-H^+ Exchanger Activity and NHE-1 mRNA Expression in Lymphocytes From Patients With Essential Hypertension, 356
Na^+-H^+ Exchange and Essential Hypertension: A New Approach, 978
Sodium-potassium pump (see Na^+-K^+-exchanging ATPase)
Sodium, dietary
Angiotensin II and Sympathetic Activity in Sodium-Restricted Essential Hypertension, 595
Brain 'Ouabain' and Desensitization of Arterial Baroreflex by High Sodium in Dahl Salt-Sensitive Rats, 372
Deoxycorticosterone Acetate Plus Salt Induces Overexpression of Vascular Endothelin-1 and Severe Vascular Hypertrophy in Spontaneously Hypertensive Rats, 769
Differential Regulation of Angiotensin II Receptor Subtypes in Rat Kidney by Low Dietary Sodium, 872
Effects of Kinin Blockade on the Blood Pressure of Salt-Loaded Pregnant Rats, 823
Renal Sympathetic Nerve Activity Is Increased in Obese Zucker Rats, 834
Sustained Hypertension in Dahl Rats: Negative Correlation of Agonist Response to Blood Pressure, 139
Special reports
Prevalence of Hypertension in the US Adult Population: Results from the Third National Health and Nutrition Examination Survey, 1988-1991, 305
Proposed Update of Angiotensin Receptor Nomenclature, 924
Spectrum analysis
Identification of Arachidonate P-450 Metabolites in Human Platelet Phospholipids, 854
Modulation of Cardiac Autonomic Control in Humans by Angiotensin II, 1270
Sympathectomy and Cardiovascular Spectral Components in Conscious Normotensive Rats, 1287
Steroids
Glucocorticoids Induce Angiotensin-Converting Enzyme Expression in Vascular Smooth Muscle, 343
Rapid Effects of Aldosterone on Sodium Transport in Vascular Smooth Muscle Cells, 117
Stress
Analysis of Renal Sympathetic Nerve Responses to Stress, 531
Blood Pressure and Heat Shock Protein Expression in Response to Acute and Chronic Stress, 539
Effect of Circulating Epinephrine on Platelet Function and Hematocrit, 1096
Hypertension and the Pathogenesis of Atherosclerosis: Oxidative Stress and the Mediation of Arterial Inflammatory Response: A New Perspective, 155
Job Status and High-Effort Coping Influence Work Blood Pressure in Women and Blacks, 554
Physiological Determinants of Hyperreactivity to Stress in Borderline Hypertension, 384

Stretch
Pressure Enhances Endothelin-1 Release From Cultured Human Endothelial Cells, 449
Substance P
Impaired Endothelium-Dependent Vasodilation of Large Epicardial and Resistance Coronary Arteries in Patients With Essential Hypertension: Different Responses to Acetylcholine and Substance P, 201
Sympathectomy
Sympathectomy and Cardiovascular Spectral Components in Conscious Normotensive Rats, 1287
Sympathetic nerve activity (see Sympathetic nervous system)
Sympathetic nervous system
α-Adrenoceptor Modulation of Norepinephrine and ATP Release in Isolated Kidneys of Spontaneously Hypertensive Rats, 1224
Acute Hypertension Increases Norepinephrine Release in the Anterior Hypothalamic Area, 828
Analysis of Renal Sympathetic Nerve Responses to Stress, 531
Angiotensin II and Sympathetic Activity in Sodium-Restricted Essential Hypertension, 595
Brain 'Ouabain' and Desensitization of Arterial Baroreflex by High Sodium in Dahl Salt-Sensitive Rats, 372
Renal Denervation Attenuates the Sodium Retention and Hypertension Associated With Obesity, 893
Renal Nerves, Renin, and Angiotensinogen Gene Expression in Spontaneously Hypertensive Rats, 581
Renal Sympathetic Nerve Activity Is Increased in Obese Zucker Rats, 834
Spectral Analysis of Blood Pressure Variability in Heart Transplant Patients, 643
Sympathectomy and Cardiovascular Spectral Components in Conscious Normotensive Rats, 1287
Sympathetic tone
Different Flow Regulation Mechanisms Between Celiac and Mesenteric Vascular Beds in Conscious Rats, 260

T

Telemetry
Modeling Hemodynamic Profiles by Telemetry in the Rat: A Study With A_1 and A_{2a} Adenosine Agonists, 564
Testosterone
Testosterone Regulation of Renal α_{2B}-Adrenergic Receptor mRNA Levels, 350
Thrombin
Increased Calcium Stores in Platelets From African Americans, 377
Inhibition of Endothelin Production by Adrenomedullin in Vascular Smooth Muscle Cells, 1185
Thrombosis
Effect of Circulating Epinephrine on Platelet Function and Hematocrit, 1096
Thromboxanes
Endothelium-Derived Constricting Factor in Renovascular Hypertension, 803
Tonometry
Different Effects of Fosinopril and Atenolol on Wave Reflections in Hypertensive Patients, 1034
Transcription factors
Characterization and Functional Analysis of the Rat Endothelin-1 Promoter, 683
Transfection
Endogenous Human Renin Expression and Promoter Activity in CALU-6, a Pulmonary Carcinoma Cell Line, 704
Transforming growth factors
Angiotensin II Induces Cardiac Phenotypic Modulation and Remodeling In Vivo in Rats, 1252
Myocardial Remodeling in Hypertensive Ren-2 Transgenic Rats, 98
Transforming growth factor-β (see Transforming growth factors)
Tumor necrosis factor
cGMP Upregulates Nitric Oxide Synthase Expression in Vascular Smooth Muscle Cells, 711
Cyclosporin A Inhibits Nitric Oxide Synthase Induction in Vascular Smooth Muscle Cells, 764
Tutorial in Molecular and Cell Biology
Regional Heterogeneity of Arterial Structure Changes, 464
Type 2 receptor (AT_2) (see Receptors, angiotensin)

U

Ultrasonography
Insulin Attenuates Norepinephrine-Induced Venoconstriction: An Ultrasonographic Study, 779
Uric acid
Hemodynamic and Biochemical Effects of the AT_1 Receptor Antagonist Irbesartan in Hypertension, 22
Short-term and Sustained Renal Effects of Angiotensin II Receptor Blockade in Healthy Subjects, 602

V

Valsalva's maneuver
Blood Pressure Response to the Valsalva Maneuver in Pheochromocytoma and Pseudopheochromocytoma, 266
Vascular resistance
Angiotensin-(1-7) and Nitric Oxide Interaction in Renovascular Hypertension, 796
Deoxycorticosterone Acetate Plus Salt Induces Overexpression of Vascular Endothelin-1 and Severe Vascular Hypertrophy in Spontaneously Hypertensive Rats, 769
Effects of Different Training Intensities on the Cardiopulmonary Baroreflex Control of Forearm Vascular Resistance in Hypertensive Subjects, 391
Endothelin Receptor Subtypes in Small Arteries: Studies With FR139317 and Bosentan, 739
Hypertension After Renal Transplantation: Calcium Channel or Converting Enzyme Blockade? 77
Measuring Forearm Blood Flow and Interpreting the Responses to Drugs and Mediators, 918
Myofilament Calcium Sensitivity of Normotensive and Hypertensive Resistance Arteries, 110
Physiological Determinants of Hyperreactivity to Stress in Borderline Hypertension, 384
Renal Effects of Acute Amino Acid Infusion in Hypertension Induced by Chronic Nitric Oxide Blockade, 61
Vasoconstriction
Calcium- and Protein Kinase C–Dependent Basal Tone in the Aorta of Hypertensive Rats, 752
Vasoconstrictor agents
Influence of Endothelium on Cultured Vascular Smooth Muscle Cell Proliferation, 748
Vasodilation
Dietary Sodium Intake Modulates Vasodilation Mediated by Nitroprusside But Not by Methacholine in the Human Forearm, 1220
Effects of Different Training Intensities on the Cardiopulmonary Baroreflex Control of Forearm Vascular Resistance in Hypertensive Subjects, 391
Hemodynamic and Renal Responses to Chronic Hyperinsulinemia in Obese, Insulin-Resistant Dogs, 994
Impaired Endothelium-Dependent Vasodilation of Large Epicardial and Resistance Coronary Arteries in Patients With Essential Hypertension: Different Responses to Acetylcholine and Substance P, 201
Mechanisms of Adrenomedullin-Induced Vasodilation in the Rat Kidney, 790
Nitroxidergic Innervation in Dog and Monkey Renal Arteries, 1090
Renal Effects of Acute Amino Acid Infusion in Hypertension Induced by Chronic Nitric Oxide Blockade, 61
Tachyphylaxis of Human Forearm Vascular Responses Does Not Occur Rapidly After Exposure to Isoproterenol, 1294

Vasodilator agents
Influence of Endothelium on Cultured Vascular Smooth Muscle Cell Proliferation, 748
Nitric Oxide and Its Putative Role in Hypertension, 1202
Vasopressins
Cerebral ATP-Sensitive Potassium Channels During Acute Reduction of Carotid Blood Flow, 1069
Effect of Renal Perfusion Pressure on Renal Interstitial Hydrostatic Pressure and Sodium Excretion: Role of Vasopressin V_1 and V_2 Receptors, 866
Veins
Insulin Attenuates Norepinephrine-Induced Venoconstriction: An Ultrasonographic Study, 779
Ventricular function, left
Effects of Different Training Intensities on the Cardiopulmonary Baroreflex Control of Forearm Vascular Resistance in Hypertensive Subjects, 391
Veterans
Early Predictors of 15-Year End-Stage Renal Disease in Hypertensive Patients, 587

W

Water-electrolyte balance
Increased Hyaluronic Acid in the Inner Renal Medulla of Obese Dogs, 888
Whites
Increased Calcium Stores in Platelets From African Americans, 377

Z

Zona glomerulosa
Relationships Among Plasma Aldosterone, High-Density Lipoprotein Cholesterol, and Insulin in Humans, 30